63.01
Canada
1909-1910

CANADA'S PREMIER SEED HOUSE

ESTABLISHED 1856

1909.

ASTERS
GIANT BRANCHING
PKT. 10¢ 3 FOR 25¢

SIMMERS' ANNUAL SEED

CATALOGUE AND CULTIVATORS' GUIDE
TORONTO.

PETUNIAS
CENTURY PRIZE
FRINGED
RUFFLED GIANTS
(RE-SELECTED)
PKT. 25¢
2/3 RDS NATURAL SIZE

LAWN GRASS SEED

Our GRASS SEED is the best for our Canadian Climate. With it you can have LAWNS, GRASS PLOTS, CRICKET GROUNDS, GOLF LINKS, TENNIS COURTS, Etc., as soft as velvet, and as green as emerald all summer long. Price 25c. per pound, postpaid 30c. per pound.

GRASS SEED REQUIRED

1 lb for	300 square feet	25 lb for	one-fourth acre
5 " "	1500 " "	50 " "	one-half "
10 " "	3000 " "	100 " "	one "
15 " "	4500 " "		

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.

SIMMERS' LAWN ENRICHER

10 lbs sufficient for 300 square feet. This dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass without weeds, which are always produced when manure is used. 5 lbs **50c**, 10 lbs **75c**, 25 lbs **$1.25**, 50 lbs **$2.00**, 100 lbs **$3.50**.

Simmers' "Toronto Parks" Grass Seed will form a close, thick turf in a few weeks' time, with no tendency to stool or grow in clumps. It roots deeply and withstands severe drought without turning brown, maintaining its beautiful deep green color throughout the season. We have made the formation of permanent lawns a study for years, and the finest lawns in this country to-day were obtained by using our "Toronto Parks" Lawn Grass Seeds, which is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is constantly maintained, rivaling the famous lawns of Old England.

If people only knew how comparatively easy it is to make a lawn with our "Toronto Parks" Lawn Grass Seed, the days of using sod, with all the attendant expense, would soon be over.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment.

TORONTO PARKS MIXTURE, Finest quality (with or without White Clover—Per lb **25c**, postpaid **30c.**; 5 lbs **$1.15**, 10 lbs **$2.20**, 25 lbs **$5.25**, 50 lbs **$10.00**, 100 lbs **$20.00**. (Carriage extra.)

White Dutch Clover, for mixing with Lawn Grass Seed—Per lb **30c.**; **postpaid 35c.**

"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb **35c**, postpaid **40c.**

BOWLING GREEN and TENNIS LAWN GRASS MIXTURE—Per lb. **30c.**; postpaid **35c.**

PUTTING GREEN GRASS MIXTURE—The varieties comprising this mixture are all of the finest bladed, low growing and most hardy kinds. Per lb. **30c.**; postpaid **35c.**

"GOLF LINKS" GRASS SEED—The mixture we offer is comprised of such varieties of grasses as will thrive here, and such as have given general satisfaction on many golf courses. Lb **25c**, 10 lbs **$2.20**, 100 lbs **$20.00**.

BLUE GRASS, for Lawns, Extra Clean—Per lb **15c.** postpaid **20c**, 10 lbs **$1.40**.

RED TOP, for Lawns, Extra Clean—Per lb **25c**, postpaid **30c**, 10 lbs **$2.40**, 100 lbs **$23.00**.

PENNSYLVANIA LAWN MOWERS

The Latest Improved, Easiest Running and Handsomest Mowers Made.

In buying the **Pennsylvania** you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair and have a Lawn Mower for future use when others are consigned to the old iron pile.

Every machine is warranted to work as represented.

Low Wheel

10 inch, 8 inch wheel	$ 8.50	16 inch, 8 inch wheel	$12.00
12 " " "	10.00	18 " " "	13.00
14 " " "	11.00		

High Wheel

15 inch, 10½ inch wheel	$15.00	19 inch, 10½ inch wheel	$19.00
17 " " "	17.00	21 " " "	21.00

Braun Grass Catcher

Adjustable to Pennsylvania Mowers only.

b	$1.80	15 and 16 inch	$2.25
	1.90	17 " 18 "	2.50
	2.10	19 " 21 "	2.75

Pennsylvania Junior

This High Wheel Mower, with the ball-bearing feature, suggests great power. In high and tangled grass, the least amount of exertion is required. On uneven ground this machine cuts the grass smoothly and uniformly.

Five knife, cylinder, 10 inch wheel—15 inch, **$16.00**; 17 inch, **$18.00**; 19 inch, **$20.00**; 21 inch, **$22.00**.

Pennsylvania Horse Lawn Mower

30-inch 4 knives, (open cylinder) with handles and draft irons; width of cut, 30 inches; weight 360 pounds ..... **$ 90.00**
38-inch, 4 knives, (open cylinder) with handles and draft irons; width of cut, 38 inches; weight 400 pounds **120.00**
38-inch, 6 knives, for golf grounds; weight 410 pounds **130.00**

Extra for shafts, seat, spring and footboard on above Horse Mowers, **$20.00**.

Canadian Lawn Mowers

The "Woodyatt"—Tool steel knives, oil tempered. Bearings are extra long and adjustable. Best quality material used throughout its construction. Four-knife cylinder. 10½ inch drive wheels. Made with grass box attachment. 10½ inch High Wheel (four blades)—12 inch **$4.75**; 14 inch, **$5.00**; 16 inch, **$5.25**; 18 inch, **$5.50**.

The "Star"—Cast steel knives, oil tempered. Adjustable half-box bearings on cylinder shaft. Adjustable bottom knife. Wood rollers of hard maple. Three-knife cylinder; 9 inch drive wheels. 9 inch Open Wheel (three blades)—12 inch, **$3.75**; 14 inch, **$4.00**; 16 inch, **$4.25**.

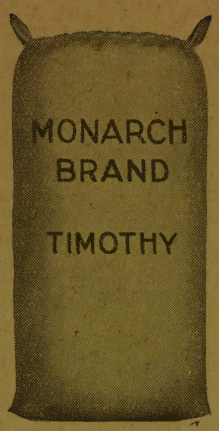
BIEDER Adjustable Grass Catcher, **$1.00** each.

CAPITOL Lawn Trimmer and Edger. Price, **$8.00**.

Champion Lawn Mower Sharpener. Price, each **50c.** Circular on application.

Pennsylvania Lawn Cleaner and Rake

This machine will do the work of three men; gathers up grass, fallen leaves and all loose rubbish. Price, 24-inch sweep, **$18.00**.



FARM SEEDS AND SEED GRAIN

TORONTO, CANADA, JANUARY, 1909

All prices quoted on this page are present values and **subject to change without notice**, and provided our stock is unsold. Customers may rely on receiving the very lowest prices current at the time their orders are received.

TERMS—As the prices are NET CASH, a remittance must accompany all orders, and sufficient be allowed for bags. We do not pay freight on Seed Grain unless by special arrangement.

Send money by Post Office Order, Postal Note, Express Order or Registered Letter, which ever is most convenient to you. Small amounts may be sent in Postage Stamps.

SIMMERS' "MONARCH" AND "ROYAL" BRANDS CLOVER AND TIMOTHY SEEDS

The Seed Control Act which came into force September 1st, 1905, requires that all Clovers and Timothy sold to the consumer shall be of a certain standard of quality.

Under the **SEED CONTROL ACT** it is unlawful for merchants to sell Clovers and Timothy to the consumer if they are below the standards fixed by the Government and they are liable for so doing.

We exercise the greatest care to secure the finest seed obtainable and with our modern cleaning machinery, we are able to supply samples which conform to the law and which we feel confident will satisfy the most critical buyer.

We offer our Clovers and Timothy in two grades, **MONARCH** brand and **ROYAL** brand.

MONARCH brand, which is equivalent to **Government Standard No. 1**, is in accordance with the Seed Control Act free from all those weed seeds considered objectionable in the Act, and does not contain more than one per cent. of harmless weed seeds.

ROYAL brand does not contain more than five seeds to the thousand of those weed seeds mentioned in the Seed Act.

These brands when sent out by us conform to all the requirements of the Act, and to ensure our customers receiving the Seed the same as we send it out, every bag is sealed with a **lead seal**.

CLOVER

	10 lbs.	Bush.
Red, Monarch Brand (Fancy)	$1 50	$ 7 50
" Royal Brand (Choice)	1 40	7 00
Mammoth or Pea Vine, Monarch Brand (Fancy)	1 60	8 00
" Royal Brand (Choice)	1 50	7 50
Alsike, Monarch Brand (Fancy)	2 00	10 50
" Royal Brand (Choice)	1 80	10 00
Lucerne	2 25	12 00
White, Monarch Brand (Fancy)	2 80	16 00
" Royal Brand (Choice)	2 30	13 00
Crimson or Scarlet, Choice	1 40	7 00

TIMOTHY

Monarch Brand (Fancy)	80	3 00
Royal Brand (Choice)	70	2 70

HUNGARIAN GRASS

Choice	40	1 50

MILLET

Common, Choice	40	1 50
German or Golden	40	1 65

BLUE GRASS

	10 lb.	100 lbs.
Canadian, Fancy Cleaned	1 40	10 00
Kentucky "	2 25	20 00

ORCHARD GRASS

Best Quality	2 25	20 00

PERENNIAL RYE GRASS 1 00 9 00

RED TOP GRASS

Best Cleaned Fancy	2 40	23 00

BARLEY

		Bush
Six-Rowed, Canadian	Bu. 48 lbs.	$1 20
Two-Rowed Duck Bill	"	1 40
Mandscheuri, Six-Rowed	"	1 30
Black Hulless	"	1 50
Ideal White Hulless	"	1 60

BEANS

White Field	Bu. 60 lbs	2 50
White Marrowfat	"	3 00
English Horse	"	2 50

BUCKWHEAT

Japanese	Bu. 48 lbs.	1 30
Silver Hulled		1 20
Common Grey		1 10

FLAX for Seed..10 lb 0 50 (100 lbs) 3 50

WHEAT

		Bush.
White Russian	Peck 40	1 50
Wild Goose	" 40	1 50

OATS

	34 lbs. Bu.	2 bu.	5 bu.
Sheffield Standard (Bags included)	$1 50	$1 45	$1 40
Mammoth Cluster	2 00	1 90	1 80
New Century	1 20	....	....
Canadian Pride	1 20	....	....
Newmarket, White	1 20	....	....
Black Tartar from Imported Seed	1 20	....	....
Black Tartar, Imported	2 00	....	....

PEAS (60 lbs.)

Canadian Beauty	$1 80
Multiplier	1 70
Golden Vine	1 70
Brittany Early	1 80

PEAS—*Continued*

	Bush.
Prussian Blue	$1 80
Black Eyed Marrowfat	1 80
White Marrowfat	1 80
Cow or Southern (Clay)	2 75
Grass Peas (Bug Proof)	1 60
RYE, Spring Bu. (56 lbs)	1 80
TARES or VETCHES (60 lbs)	2 30
SPELTZ (40 lbs)	1 40

SUNFLOWER

	10 lbs	100 lbs
Mammoth Russian Giant	$0 80	$7 50

CORN

DENT VARIETIES

	Bu. (56 lbs)
Simmers' Early Ripe	$1 60
Red Cob Ensilage	1 20
Paragon, Giant White Ensilage	1 20
Mammoth Southern	1 20
Horse Tooth, Yellow or Golden Beauty	1 20
Mammoth Cuban Yellow	1 40
White Cap, Yellow Dent	1 30
Early Butler	1 40
Improved Leaming	1 20
Pride of the North	1 30
Wisconsin White Dent	1 40
Wisconsin Yellow Dent	1 40
Mastodon	1 40
Chester County Mammoth	1 40
Evergreen Sugar (Stowells)	2 25

FLINT VARIETIES

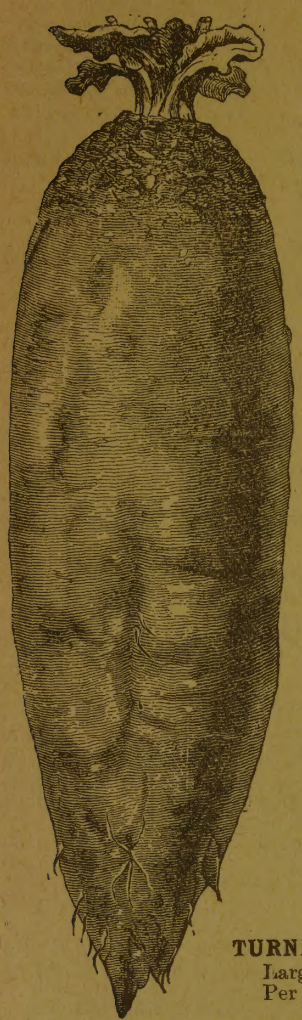
Farmer's Surprise	1 50
Ninety Day Yellow Canada	1 40
Compton, Early Yellow	1 40
Mammoth Eight-Rowed Yellow	1 40
Early White Flint	1 40
Salzer's North Dakota	1 40
Angel of Midnight	1 40
Longfellow	1 40
King Phillip	1 50
Kaffir Corn, White 20 lbs $1 20	100 lbs 5 00

COTTON BAGS—25c. each **LINEN BAGS—each 10c.**

TERMS :—Strictly Cash with Orders

J. A. SIMMERS, (Established 1856) **141 to 151 King Street East, TORONTO, O**

LEADING VARIETIES OF FIELD ROOTS



BEET—Simmers' Imperial Giant Half Sugar
Highly recommended as a most excellent and profitable root to grow for stock-feeding. Per lb. 25c., 4 lbs. and over at 22c. per lb.

MANGEL—Simmers' Giant Sugar
As a milk producer and flesh former it is unique. Per lb. 25c., 4 lbs. and over 22c. lb.

BEET—Danish Improved
Rich in sugar and most desirable for stock-feeding. Per lb. 25c., 4 lbs. 80c., 10 lbs. $1.90

CARROT—Simmes' Improved Giant White
Heavy cropper. It is very easily harvested. Per lb. 40c.

TURNIP—Simmers' Defiance Swede
An exceptionally profitable variety. Hardy, heavy, well-shaped. Under careful cultivation will yield 1000 bushels per acre and over. Per lb. 25c., 4 lbs. and over, 22c. per lb.

TURNIP—Universal Purple Top Swede
One of the best Purple Top Swedes for all soils. Per lb. 25c., 4 lbs. and over 22c. per lb.

TURNIP—Kangaroo Swede
Largely grown in the lower provinces of Canada, where it has produced the heaviest crops ever known in that section of the country. Per lb. 25c., 4 lbs. and over 22c. per lb.

TURNIP—Elephant, Monarch or Jumbo
Unequalled in size, quality and appearance. The yield compared with other well-known varieties has been from 2 to 6 tons more per acre. Per lb. 25c., 4 lbs. or over 22c. per lb.

TURNIP—Simmers' Champion Purple Top
Flesh, rich, and sweet in flavour. Most productive and nutritious. Per lb. 25c., 4 lbs. or over at 22c. per lb.

TURNIP—Bangholm Improved Purple Top
Large and solid. Should be sown on rather heavy loam. Per lb. 20c., per 4 lbs. or over 17c. lb.

TURNIP—Hartley's Bronze Top
Rich in quality, productive and good keeper. Per lb. 25c., per 4 lbs. 20c. per lb.

TURNIP—Skirving's Improved Purple Top—Large and solid, of strong and quick growth, suitable for clay soil. Per lb. 20c., 4 lbs. and over 17c. per lb.

TURNIPS—Yellow and White Varieties
For sowing after the Swedes
Aberdeen Purple Top Yellow. Per lb. 25c., 4 lbs. or over 20c. per lb.
Aberdeen Green Top Yellow. Per lb. 25c., 4 lbs. or over 20c. per lb.
White Globe. Per lb. 25c., 4 lbs. or over 20c. lb.
Grey Stone. Per lb. 25c., 4 lbs. or over 20c. lb.

MANGEL WURZEL — Simmer' Mammoth Prize Long Red
Roots attain a large size, produce an immense bulk and tonnage. Per lb. 20c., 4 lbs. or over, 15c. lb.

CHIRK CASTLE STRAIN—Mammoth Long Red
This new strain of Mammoth Long Red Mangel is enormously productive. Per lb. 30c., 4 lb. and over 25c. lb.

RIVENHALL GIANT YELLOW GLOBE
Strongly recommended as a heavy cropper of most nutritious quality. Per lb. 25c., 4 lbs. and over 23c. lb.

CHAMPION YELLOW GLOBE
An excellent keeper when stored in heaps for winter use. Per lb. 20c., 4 lbs. and over 15c. lb.

GOLDEN FLESH TANKARD
The special feature is the rich, deep, yellow colour of the flesh and its nutritious and rich producing qualities. Per lb. 20c., 4 lbs. and over 17c. lb.

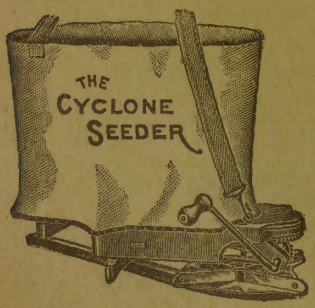
GIANT YELLOW — Intermediate Yellow Leviathan
An entirely distinct Mangel, the Mangel par excellence for Cattle. Per lb. 20c., 4 lbs. and over 15c. lb.

THOUSAND HEADED KALE
Two acres will feed and fatten 50 sheep—For sheep, cattle, hogs, poultry, in fact for any animal that will eat green food. The plant flourishes in all kinds of soil. Per lb. 30c., 10 lbs. and over 27c. lb.

DWARF ESSEX SOWING RAPE
A field rape coming into use when the pasture is almost barren from continuous feeding and dry weather, is a boon to the farm. Young cattle thrive on it and so do swine. Rape is always plowed under as a fertilizing crop. Per lb. 10c., 10 lb. lots 90c., 25 lb. lots and upwards 8½c. per lb., 50 lbs. or upwards 8c per lb.

The Cahoon Broadcast Seed Sower

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly, 4 or 6 acres an hour. **Price $4.00 each.**



CYCLONE BROADCAST SEED SOWER

GEARED

It will sow clover, timothy, wheat, oats, rye, buckwheat, Hungarian red top, turnip, millet, corn, cotton and all other grains and seeds, perfectly even and any desired amount per acre, and from 30 to 60 acres a day. **Geared, price $1.75, postpaid, $2.50.**

THE LITTLE WONDER SEED SOWER

The Little Wonder embodies all the principal features for even distribution of all varieties of farm seed, as found in our repeatedly improved and time tested Cyclone Seeder. **Price $1.40, postpaid $2.00.**

ADDRESS ALL ORDERS TO

A. SIMMERS, - - Toronto, Ont.

1909

TO Our Friends and Patrons

GREETING:

MAIL ORDERS FILLED PROMPTLY

THIS being the **fifty-fourth year** since establishing our Seed, Bulb and Plant business in Toronto, in greeting our numerous old friends and patrons and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs and Plants, etc., for 1909,** we take this opportunity of returning our sincere thanks for their recognition of our efforts to supply them with everything good and reliable, and we trust that they will continue to extend to us that liberal share of their patronage which we may fairly claim, and to deserve which we have at all times done our utmost by honest and square dealing.

OUR CATALOGUE

We here wish to say, that, despite our efforts to make mention in this Catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of anything obtainable for our numerous customers. Please ite for anything in the seed line you may wish to procure which you do t see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearances of exaggeration, and make our engravings as true to type and nature as ossible, considering well the fact that a Seedman's Catalogue should be ational in its tone, educational in its matter, and as clearly descriptive of e things offered as a limited space will allow. It is our desire to make our atalogue serviceable as a book of reference, and as clear as possible, so that t will not be simply looked at and thrown aside.

OUR STOCKS

Our seed stocks have been kept up to our high standard of excellence; our plants are well-grown and thrifty; our bulbs are selected with the greatest care; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grade procurable.

OUR PRICES

It is our constant aim to make highest quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found as low as those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

ORDERS

We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest care will, as heretofore, be bestowed in putting up all orders, large or small. Amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberally and judiciously supplied. Our aim will always be to give every satisfaction to the purchaser, both in quality of goods, and in the manner of packing and forwarding.

ABOUT WARRANTING SEEDS

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we can have no control. We give no warranty, expressed or implied, as to description, quality, growth, productiveness, kind, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop. If the purchaser does not accept the goods on these conditions, they must be returned at once, and the money that has been paid will be refunded. Agents are not authorized to change the above conditions and terms of sale.

OUR PUBLICATIONS

We issue the following Catalogues and Price Lists during the year:—

January 1st—Simmers' Annual Seed Catalogue, Illustrated Guide for Amateur Gardeners, Market Gardeners' Catalogue, Florists' Semi-Annual Price List, Dealers' Price List of Seeds.

June 1st—Florists' Semi-Annual Price List of Forcing Bulbs, etc.

September 1st—Autumn Catalogue of Dutch and other Fall Planting Bulbs, etc.

Please Read Carefully What We Do

Seeds by Mail—We send free by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Corn, Mangels, Peas, Rape, Field Turnips and Swedes, Clover Grasses; to these varieties **Five cents per pound** must be added for postage to postoffices in Canada, fifteen cents per pound or fraction thereof to Newfoundland, and one cent per ounce to United States.

We guarantee that every packet we send out by mail will reach its destination in good condition. If a package is lost we will replace it.

We pack all seeds carefully, and they will carry with safety to any of the world.

Completion of Orders—As the season advances our stocks of some varieties become exhausted. In such cases we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Errors—Should any error occur we desire to be informed of it, and promise to make such corrections as will be perfectly satisfactory.

What Customers Should Do

Forward money with your order, by post-office order, postal note, express order, bank draft, or registered letter. All money sent by any one of the above ways will be at our risk.

Be sure and write your name and address plainly, as we very often get letters without names, and others without the postoffice address or county. Keep a copy of your order by marking in your Catalogue, opposite the variety the quantity ordered of each; by so doing you will know when your goods arrive if all is correct.

Send Your Orders Early—By doing so you are sure of getting all your order promptly, for as the season advances some varieties run short.

Ladies should always prefix their names with Miss or Mrs., as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husband's name in sending an order, and then again their own name in making enquiry about it, or vice versa. This leads to confusion.

Should you receive an extra copy of our Catalogue, or have no use for this one, kindly hand it to someone who would likely be wanting seeds, etc.

Always give shipping instructione when ordering large quantities of seeds, etc. Say whether by freight or express, and state the railway. Should instructions not be given, we shall use our best judgment.

Should you make any change in your permanent address, please notify us, that we may be able to forward our Catalogue to you.

Important—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing a duplicate order and state the date the order was mailed, the amount of money enclosed; and in what form. On receipt of this we will at once investigate the matter, but if duplicate order is not sent we cannot do so promptly.

Freight prepaid goods ordered shipped to any flag station must have **freight prepaid.** Please allow for same in remittance, or we shall ship to the nearest station.

Seeds ordered by the peck or bushel will be sent either by express or freight at purchaser's expense.

Address all orders and other communications to

ANTON SIMMERS
HERMAN SIMMERS

J. A. SIMMERS,

TORONTO

Offices and Seed Warehouses—

143, 145, 147, 149, 151 KING STREET EAST

Special Premium

On Orders Accompanied by CASH and at Retail Catalogue Prices

25c. WORTH OF SEEDS EXTRA Will be allowed on each ONE DOLLAR sent for Seeds in PACKETS and OUNCES

(Except Ounces of Cauliflower)

Thus:— Customers sending $1.00 may select $1.25
,, ,, 2.00 ,, ,, 2.50
,, ,, 3.00 ,, ,, 3.75 and so on.

This premium applies ONLY to orders of ONE DOLLAR, or more, for seeds in PACKETS and OUNCES. (Special offers and Collections are not included.) We fill an order for 25 cents as carefully as one for 25 dollars. BUT we cannot afford to allow this liberal premium UNLESS the Seed in packets and ounces amount to one dollar. ☞ *It should be understood plainly that this premium does not apply to seeds by the quarter-pounds, pounds or quart, nor to Bulbs nor Plants,* upon which prices are *net.* Please do not ask us to include any of these in this premium.

MAIL ORDERS So simple; so sure. Select from this Catalogue what's wanted. Order by mail, and you can depend on the minutest wants being supplied.

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NEW CUSTOMERS As this Catalogue will reach many who have never had our seeds, we would urge such to send A TRIAL ORDER, no matter how small, and although you may be satisfied with seeds bought elsewhere, we believe our special strains of many of the newer varieties will make them as profitable to you as they have been to thousands of others who are now regular customers. Orders by Mail a Specialty.

J. A. SIMMERS, TORONTO, CANADA.

IRONDEQUOIT MUSK MELON

(RE-SELECTED)

"Irondequoit" Muskmelon

Of all the varieties of Muskmelon that have ever been introduced none has acquired such popularity or been so generally admired as the **Irondequoit**. When in season it holds the market to the exclusion of all others; and gardeners, truckers, home-growers, and buyers unanimously pronounce it the finest in appearance, best-flavored, and for all purposes the peer of Muskmelons. Our illustration shows a perfect melon. In form it is nearly round, slightly flattened at the ends, and is of good size. Its fine netted skin, yellow when ready for picking, and its beautiful dark orange-colored flesh, added to its rich, rare, and spicy flavor, at once places the **Irondequoit** far in advance of all others. **Packet, 10 cents; oz. 30c; 2 oz. 50.**

Dwarf Brittle Wax Beans

THE EARLIEST OF ALL WAX BEANS

The plants are extraordinarily hardy and remarkably prolific. One bush grown in this country had 167 of the very finest fleshy pods of a rich yellow color.

To quote the raiser, after giving the pedigree, he says:—"They have long, straight, handsome, round, pulpy pods, together with vigor and productiveness. This bean is entirely stringless, of a rich yellow color; quality is exceptionally fine."

Market growers or private gardeners will find this an excellent bean to try. The name is thoroughly descriptive of its outstanding merit, viz., its stringlessness. On this account and also because of its hardiness, we feel that it will be thoroughly appreciated by all who like Wax Beans—that is to say, everybody. **Packet, 10c; lb. 30c; 2 lbs. 55c.**

Brittle Wax Dwarf Beans

GOLDEN BANTAM—SWEET CORN

EXTRA EARLY. EXQUISITE FLAVOR

Golden Bantam Sweet Corn

This corn, as its name implies, is dwarf in growth. It averages four feet in height. The ears are small, about six inches in length. Though small it is extraordinarily productive. It can be grown very closely together, and in good soil will produce two or three fine ears to a stalk—so the resulting crop is quite equal to many tall-growing sorts. The color is distinct, quite unlike the usual Sweet Corns.

It is with regard to flavour that Golden Bantam Corn particularly stands out above all others. It is as early as Cory and finer in flavor. It is no exaggeration to say that Golden Bantam is the sweetest and best flavoured of all Sweet Corns. **Packet, 10c; lb or pint 25c; 2 lbs 45c.**

Livingston's Coreless Tomato

LIVINGSTON'S CORELESS TOMATO

The most perfect shaped Canning variety ever produced. Large size, globe shaped, full at stem end, bright red, a strong grower and big cropper.

Here is another one of those magnificent globe shaped tomatoes, the new type that is fast superseding the old flat and wrinkled varieties.

All markets requiring a bright red sort will be pleased with the Livingston's Coreless. In shape it is almost round, being of about the same diameter each way, as shown in our illustration. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning, owing to a very small amount of waste. It is immensely productive, clusters of four to seven fruits are produced at six to eight inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large, twelve to fifteen ounces. A grand good slicing variety; the seed cells being surrounded by bright red, heavy; meaty and delicious flesh which is always free from any hard green core. It is slightly more acid than the Livingston's Globe. It ripens on all sides and right up under the stem all at the same time.

The strong outside and inner walls of flesh of the Livingston's Coreless render it a very firm fruit and one of the best for long distance hauling or shipping.

Every canner, market gardener or lover of good tomatoes certainly cannot miss it in trying liberally a variety so strongly endorsed. Packet **10c**, oz **40c**, 2 oz **75c**.

Ailsa Craig Onion

"CANADIAN BEAUTY" MUSK MELON

A sweet, luscious Melon, that has become famous for its captivating flavor

This new variety has proved to be a very valuable Melon in every respect, somewhat resembling the old "Netted Gem." The vines are exceedingly healthy and vigorous, bearing an enormous quality of fruits during the entire season. It is safe to say that no Melon has ever come into our markets which has sold so readily and at such high prices, often to the exclusion of other varieties. The color of the skin is of a rich, yellowish green, the netting is prominent and light in color; appearance very attractive. The flesh is very deep, ripening clear to the rind, and it has an exceedingly small seed cavity. It is very sweet and luscious in flavor, and is entirely devoid of any stringy character. Our seed was specially grown for us by a careful grower. Pkt **10c**, oz **25c**, ¼ lb **75c**.

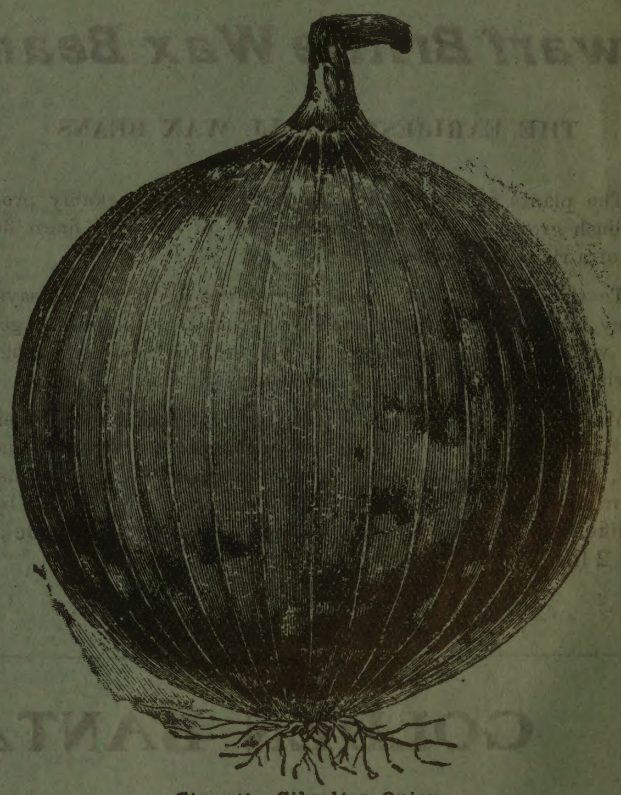
AILSA CRAIG ONION

(English Grown Seed)

The large, nearly globe-shaped onions, with thin skin of bright yellow color, are of immense size, measuring from twelve to eighteen inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from three to five pounds each. They ripen up hard and fine, and present the handsomest possible appearance; the flesh is pure white, fine grained, mild and delicate in flavor; excellent for fall and early winter.

The constant re-selection of pedigree stock of Ailsa Craig has resulted in a marked improvement both in size and form. Until a few years ago the best stocks of Ailsa Craig were frequently more flat than round or oval in shape but the strain we now offer is unrivalled for perfection of form combined with size and weight.

In competition with all other varieties Ailsa Craig has won a series of important prizes in England absolutely without a parallel. Price pkt **10c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, 1 lb **$2.25**.



Gigantic Gibraltar Onion

GIGANTIC GIBRALTAR ONION

While the ripened bulbs are similar to those of the Prize Taker in size and form, it is better adapted to growing in warm, dry locations or seasons. The plants continue in growth longer, and consequently produce larger bulbs. It produces the large bulbs from spring-sown seed. The thin skin is of a light straw color, flesh white, very tender and mild. The onions are excellent for home use while in the growing state during the summer months.

Pkt **10c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.25**, postpaid.

GIANT RED PRIZE TAKER ONION

This variety produces large, perfectly globe-shaped onions of the same size and handsome form as the well-known yellow Prize Taker, but the color is an extra rich deep red. This feature, together with its splendid flavor, delights everyone who raises it. Its size will recommend it to all, particularly when it is known that its keeping qualities are unexcelled. By sowing early and transplanting the young plants, it can be grown to a very large size. Pkt **10c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.25**.

Count Zeppelin Cabbage Lettuce

Count Zeppelin Cabbage Lettuce

No Cabbage Lettuce has as yet been introduced which stands heat and drought as well as "Count Zeppelin." The results of exhaustive trials have proved its quality, particularly in warm weather. In color it is dark green with brown edge outside, and inside it is of a clear light yellow. The head is large and well turned in. It is slow to run to seed and can be cut almost three weeks later than any other variety, and cuts tender to the last head. This is a most excellent introduction and will prove an all round variety for market growers and for private gardens. Pkt **15c.**

New Swiss Chard, or "Spinach Beet"

"LUCULLUS"

The plants grow to a height of two to two and one-half feet. The stalks are as thick and broad as those of Rhubarb, being one and one-half inches broad, heavily ribbed and from ten to twelve inches long below the leaf. These stalks are delicious when cooked and served in the same manner as Asparagus.

In the old type of Swiss Chard the leaf portion is smooth, broad and rounded at the upper end; in the new **Lucullus** the leaves are larger and sharply pointed at the top, while the texture is heavily crumpled or savoyed, being much greater in amount, more crisply tender and of finer flavor. The leafy portion of the foliage is cooked and served in the same manner as Spinach. The leaves and stalks served as separate vegetables afford two distinct dishes from the same plants at one time. Per pkt **10c,** oz **15c,** ¼ lb **40c.;** per lb **$1.25,** postpaid.

Sutton's Excelsior Pea

Since the introduction of Nott's Excelsior, which is to-day probably the most popular dwarf wrinkled sort in America, we have seen no pea that is so great an advance in this class as Sutton's Excelsior.

Similar in habit of growth to Nott's Excelsior, but bearing very large broad pods filled with large peas, tender and of most delicious flavor. Its great merit lies in the fact, that in this we have an early dwarf wrinkled pea in the front rank for earliness, with much larger and handsomer pods than any dwarf wrinkled pea yet introduced. It takes the place in this class, so acceptably filled by Stratagem and Telephone in later sorts, and by Gradus in the extra early class, and is bound to be in great demand when fully known; of first-class merit and we can confidently recommend it. Pod long, broad, straight, very pale green, wrinkled; height 12 inches.

Large pkt **10c,** lb **25c,** 2 lbs **40c,** 5 lbs **90c,** peck **$2.50.**

New Pea—"Prince Edward"

This splendid pea is of branching habit, about five feet in height with a dark green vine and very robust constitution, which enables it to resist both drought and mildew. The pods, which are of the same attractive color as the vine, are produced in great profusion, mostly in pairs, and attain the extraordinary length of seven inches, being closely packed with from 11 to 13 large dark green peas of mostly mellow flavor. It has proved itself invaluable as an exhibition variety, and is also equally serviceable for every purpose where Peas of prolific habit, fine quality and hardy constitution are required.

Large pkt **10c,** lb **25c,** 2 lbs **40c,** 5 lbs **90c,** peck **$2.50.**

Carter's Danby Stratagem Pea

A distinct improvement on the original Stratagem, having longer, straighter, and broader pods, very freely produced. The haulm is very robust, and extends to a height of 2½ feet, bearing a profusion of immense pods, many six inches in length, and frequently containing ten large full-flavored Marrow Peas.

Price—Large pkt **10c,** lb **25c,** 2 lbs **40c,** 5 lbs **90c,** peck **$2.50.**

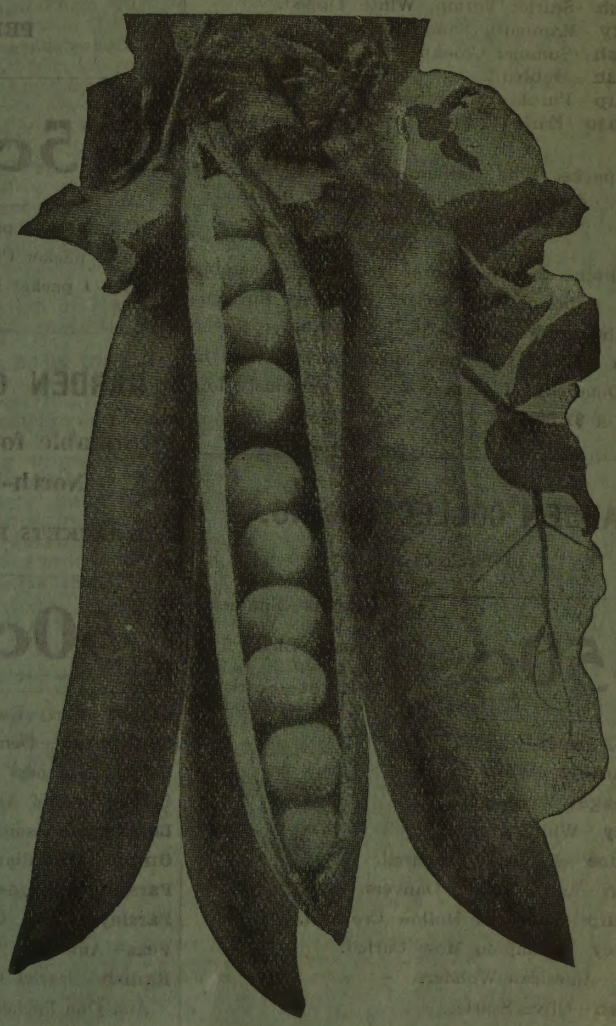
Rivenhall Wonder Pea

This grand, early, large-podded wrinkled marrow Pea has steadily increased in popular favor, as everyone who plants Rivenhall Wonder Pea recommends it to his neighbors.

The distinctive merits of Rivenhall Wonder Pea over any other variety are its extreme earliness, combined with its abundant production of immense pods, each filled with from 6 to 10 true, large, wrinkled marrow peas of the most delicious flavor, as large, as sweet and as tender as the finest late wrinkled marrow pea grown. When one considers peas of this superior size and quality are ready for picking only a day or two later than the little round-seeded hard-shell "Extra Earlies," one realizes what a valuable acquisition Rivenhall Wonder Pea really is.

The vine of Rivenhall Wonder Pea is of vigorous, robust growth, about 20 inches high, heavy-stemmed, with luxuriant healthy foliage; it bears uniformly large, handsome pods of large and luscious peas, and although it commences bearing so early it continues for a long time; the peas also remain sweet and tender for some time after they are fit to pick. (See cut).

Large pkt **10c,** lb **25c,** 2 lbs **40c,** 5 lbs **90c,** peck **$2.50.**



Rivenhall Wonder Pea

Simmers' Collections of Garden Seeds

FOR THE

CITY AND SUBURBAN GARDEN

NOTE—They are free by mail on receipt of price. **Not subject to any discount or premiums.**

THESE COLLECTIONS CONTAIN

Only True and Tried Kinds

Considering the extremely low rates we cannot possibly permit any change in the varieties.

No. 1

$

Collection

25 Pkts

Bean— Simmers' Giant Wax.
Beet—Blood Turnip.
Cabbage—Vandergaw.
Carrot—Scarlet intermediate.
Celery—White Plume.
Corn, Sweet—Cory.
Cucumber—Chicago Pickle.
Cucumber—Long Green.
Lettuce—Simpson's Early.
Muskmelon—Montreal Green Nutmeg.
Watermelon—Cuban Queen.
Onion—Yellow Danvers.
Onion—Prizetaker.
Parsley—Champion Moss Curled.
Parsnip—Improved Hollow Crowned.
Pepper—Sweet Spanish.
Peas—American Wonder.
Peas—Stratagem.
Pumpkin—Mammoth.
Radish—Scarlet Turnip, White Tipped.
Salsify—Mammoth Sandwich Island.
Squash—Summer Crookneck.
Squash—Hubbard.
Turnip—Purple Top, Strap-leaved.
Tomato—Early Ruby.

And packet Wild Garden Flower Seed Mixture. Also a copy of Simmers' Vegetable and Flower Garden (New Edition).

Contains 25 packets of the best Vegetable Seed, sufficient to furnish vegetables throughout the year, and one packet of Flower Seeds, which we will send postpaid to any address in the Dominion of Canada for the extremely low price of **$1.00.**

GARDEN COLLECTION NO. 2

13 Packets for 50c

50c.

Beans—Simmers' Giant Wax
Best—Blood Turnip
Carrot—Scarlet Intermediate
Corn, Sweet—Cory.
Cucumber—White Spine.
Cabbage—Vandergaw.
Celery—White Plume.
Lettuce—Simmers' Nonpareil.
Onion—Large Yellow Danvers.
Parsnip—Improved Hollow Crowned.
Parsley—Champion Moss Curled.
Peas—American Wonder.
Radish—Olive Scarlet.

And packet mixed annual Flower Seeds.

GARDEN COLLECTION NO. 3

6 PACKETS FOR 25 CENTS

25c.

Beet—Blood Turnip.
Carrot—Scarlet Intermediate.
Cucumber—White Spine.
Lettuce—Simmers' Nonpareil.
Onion—Yellow Danvers.
Radish—Scarlet Olive-shaped.

FARMERS' VEGETABLE COLLECTION NO. 4

PRICE 75 CENTS

75c.

Contains ½ ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sweet Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Watermelon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

GARDEN COLLECTION NO. 5.

Suitable for Manitoba and the North-West Territories

13 PACKETS FOR 50 CENTS POSTPAID

50c.

Beans—Simmers' Giant Wax.
Beet—Half Long Blood.
Cabbage—Premium Flat Dutch.
Carrot—Early English Horn.
Cauliflower—Demidur.
Celery—Simmers' Large Ribbed Dwarf White.
Corn—First of All.
Lettuce—Hanson.
Onion—Australian Brown.
Parsnips—Guernsey.
Parsley—Triple Curled.
Peas—American Wonder.
Radish—Scarlet Olive.

And One Packet Mixed Annual Flower Seeds.

THE "CITY AND SUBURBAN" GARDEN COLLECTION.

PRICE $1.00, FREE BY MAIL

$1.00

Contains 17 Distinct Varieties of Vegetables

Beet—Blood Turnip, 1 pkt.
Beans—Dwarf, yellow wax Pod, ½ pt.
Cabbage—Early Jersey Wakefield, 1 pkt
Carrot—Scarlet Horn, 1 pkt.
Corn—Early Sugar, ½ pt.
Cucumber—Long Green, 1 pkt.
Lettuce—Cos, 1 pkt.
Lettuce—Nonpareil, 1 pkt.
Onion—Yellow Danvers, 1 pkt; Mammoth Silver King, 1 pkt.
Parsley—Triple Curled, 1 pkt.
Peas—(None of which require staking) American Wonder, ½ pt.; Stratagem, ½ pt.
Radish—Scarlet Olive, 1 pkt.
Squash—Vegetable Marrow Bush, 1 pkt.
Tomato—Imperial, 1 pkt.
Turnip—Snowball, 1 pkt.

Give Your Boys a Garden

25c.

And provide a means of healthy exercise and delightful recreation. In order to encourage "Young Canada," we offer—

"OUR BOYS' COLLECTION."

9 PACKETS FOR 25 CENTS, POSTPAID

Beans—Canadian Wonder.
Beet—Blood Turnip.
Cress—Curled.
Lettuce—Nonpareil.
Muskmelon—Hackensack.
Onion—"Prizetaker."
Peas—Surprise.
Radish—"Rosy Gem."
Squash—Mammoth Whale.

And One Packet of Children's Flower Mixture.

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ARTICHOKE

German—Artischoke. French—Artischaut.

CULTURE—Sow in April in rich soil and transplant to permanent beds the next spring, in hills three feet apart each way, with three plants to hill. A rich, deep loam is required, and plenty of moisture. Cover with litter or earth in winter.

Large Green Globe—The best for general culture. Per pkt **5c**, oz. **30c.**

Jerusalem Artichokes—A hardy and productive tuber, used for cooking, pickling for table use, and feeding stock. Strong tubers, lb. **15c**, 2 lbs **25c**, if wanted by mail add **5c** per lb; peck **50c**, bushel **$1.80.**

ASPARAGUS

German—Spargel. French—Asperge.

One ounce for 60 feet of drill. CULTURE—After soaking the seed for 24 hours in lukewarm water, sow as early in spring as the season will permit and the ground can be worked, in drills one foot apart, covering the seed one inch deep. Thin plants to three inches apart in the row. The following spring, not too early, transplant into permanently highly-manured beds four feet wide, and three rows in each. Plant one foot apart. Cover in the fall, with well-decayed manure, and in the spring give a good dressing of salt.

2 Year Old ASPARAGUS ROOTS	By Mail Postpaid			By Express.		
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Early Argenteuil—Largely grown in France, the stalks grow to a mammoth size. Pkt **10c** oz **20c**, ¼ lb **30c**, lb **80c.**

Connovers' Colossal—A very large, productive and distinct variety. Seed per pkt **5c**, oz **10c**, ¼ lb **20c**, lb **50c.**

Palmetto—It is of very large size, even and regular in growth and appearance. It is very early sort and immensely productive, and of the very best quality. Seed per pkt **5c**, oz **10c**, ¼ lb **20c**, lb **55c.**

Beans

German—Bohne. French—Haricot.

English or Broad

CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart in the row, and cover 2 inches deep.

Broad Windsor—Large, one of the best, ripens well, very prolific. Pkt **5c**, lb **20c**, quart **35c**, peck **$1.75.**

Early Mazagan—The earliest, very hardy, and bears freely, best adapted to our climate. Pkt **5c**, lb **20c**, quart **35c**, peck **$1.75.**

Beans

Dwarf, Bush, Wax-Podded Varieties

CULTURE—Plant as soon as danger from frost is past, in light, warm soil, in drills about 2 feet apart, 3 inches apart in the drills, or in hills 3 to 4 feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

Simmers' Early Giant Wax.—This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of a very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is a very productive variety. Per kt **5c**, lb **20c**, quart (2 lbs) **35c**, 5 lbs **75c**, peck (15 lbs) **$2.00.**

Simmers' Giant Dwarf Wax or Butter Bean
The Standard Variety for Table Use.

Davis' Kidney Wax—A hardy and productive Bean, with a large handsome pod containing pure white kidney-shaped beans and producing a third more pods than most other varieties. Price, pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c.**

Saddleback Wax—The plants are of strong bush growth, fifteen inches in height, extra productive. The pods are long, nearly straight, well rounded and so meaty as to be sadde-backed or creased in the centre. The pods are so fleshy that the space between the beans is solid meat without any open spaces—extremely brittle, always stringless, of a rich golden yellow and finest flavor. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c.**

Detroit Wax—Very hardy and productive, pods straight, flat, but thick to edge; they do not turn to wax color so early, but when well grown and fit for use are of a beautiful yellow color, and of the finest texture. Per pkt **5c**, lb **20c**, quart (2 lbs) **35c**, 5 lbs **80c**, peck **$2.00.**

Early Golden Wax—Yellow pods, several days earlier than the ordinary Black Wax, quite distinct, very prolific, brittle and stringless. Per pkt **5c**, lb **20c**, quart (2 lbs) **35c**, 5 lbs **80c**, peck (15 lbs) **$2.00.**

Wardwell's Kidney Wax—One of the very best Wax Beans, bearing long pods of a delicate waxy yellow, entirely stringless and brittle, fine buttery flavor, heavy yielder. Per pkt **5c**, pt **20c**, qt **35c**, 5 lb **80c**, peck **$2.00**

Early Black-Seeded Wax—Almost stringless yellow pods, thick, very tender and delicious, a standard variety. Pkt **5c**, lb **15c**, qt (2 lbs) **30c**, **5** lbs **70c**, peck (15 lbs) **$1.90.**

Early White-Seeded Wax (Jones')—A variety with wax-like pods, similar to the Black Wax except in the color of the seed. Per pkt **5c**, lb **20c**, qt (2 lbs) **35c**, 5 lbs **80c**, pk (15 lbs) **$2.00.**

Wardwell's Kidney Wax Bean

Add Five Cents per Pound to the Price of Beans for Postage

BEANS—GREEN PODDED BUSH VARIETIES

Simmers' Canadian Wonder

Simmers' Canadian Wonder—It is a giant among green podded varieties, forming a large robust plant, covered with long, thick, flat pods, frequently measuring from 9 to 10 inches in length by three-quarters of an inch in width and one-half inch thick. The largest and most handsome green pod bean of strictly bush form. Per pkt **5c**, lb **15c**, quart (2 lbs) **30c**, 5 lbs **70c**, peck (15 lbs) **$1.80**.

Stringless Green Pod—A mammoth podded selection from the original Stringless, not quite so early, but more showy and possessing the good qualities of the parent. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c**.

Taber's I.X.L.—The nearest to a stringless green-pod bush Bean in cultivation with beautiful straight, green pods, full and fleshy. Plants of medium growth, pods 9 to 10 inches long, light green in color, flesh tender and of the best quality, very early. Pkt **5c**, per lb **20c**, 2 lbs **35c**, 5 lbs **70c**, peck **$1.80**.

Mohawk—Very hardy and prolific, also very early, good string bean. Per pkt **5c**, lb **15c**, quart (2 lbs) **25c**, 5 lbs **50c**, peck (15 lbs) **$1.50**.

Yellow or Six Weeks—Early, hardy and most prolific. Per pkt **5c**, lb **15c**, qt (2 lbs) **25c**, 5 lbs **50c**, peck (15 lbs) **$1.50**.

Refugee or One Thousand to One—Solid podded, excellent and prolific. Much used for canning. Per pkt **5c**, lb **15c**, quart (2 lbs) **25c**, 5 lbs **50c**, peck (15 lbs) **$1.50**.

Valentine, Round Podded—With round beautiful waxy pods. The pods are very meaty, and no other bean has less string or less hard shell to the pod as long as it is suitable for cooking. Pkt **5c**, lb **15c**, quart (2 lbs) **25c**, 5 lbs **60c**, peck (15 lbs) **$1.50**.

Early China (Red Eye)—A well-known and prolific sort; very tender. Per pkt **5c**, lb **15c**, quart (2 lbs) **25c**, 5 lbs **50c**, peck (15 lbs) **$1.50**.

Large White Marrowfat—Extensively grown for sale as a dry bean for winter use. Excellent either when green in pods or dry. Pkt **5c**, lb **15c**, quart (2 lbs) **25c**, 5 lbs **50c**, peck (15 lbs) **$1.20**.

White Kidney or Royal Dwarf—A superior variety for baking; is excellent when green in pods. Pkt **5c**, lb **15c**, qt (2 lbs) **25c**, pk (15 lbs) **$1.50**.

Valentine Round Podded Bush Bean

BUSH LIMA BEANS

Burpee's Bush Lima Bean

Burpee's Bush Lima—Very prolific, single plants often producing from 150 to 200 pods. It requires no staking whatever, and should be planted about two feet apart in rows. Pkt **5c**, pint or lb **20c**, qt **35c**, 5 lbs **80c**, pk **$2.00**.

Henderson's Bush Lima—It grows in compact bush form, about 18 inches high, and is very early. Per pkt **5c**, lb **20c**, quart (2 lbs) **35c**, 5 lbs **80c**, peck **$2**.

Kentucky Wonder or Old Homestead Pole Bean

POLE BEANS

Pole beans, being tender, ought not to be planted until the ground is dry and warm. A well-matured sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans in a hill, eyes downward, afterwards thin to 3 plants in a hill. Set poles—8 to 10 feet long—before planting seed.

Early Golden Cluster Wax—The pods are tender, 6 to 8 inches long, borne profusely in clusters of 3 to 6, and are of a beautiful golden yellow color. They snap easily, are stringless and delicious. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c**, peck **$2.00**.

Indian Chief or Black Wax—Yellow pods, very tender and sweet, thick and fleshy. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c**, peck **$2.00**.

Lazy Wife—Large pale green pods, very thick meated, stringless, rich tender and buttery, ripens early, splendid either as a snap or shell bean. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c**, peck **$2.00**.

Golden Andalusia Wax—The pods are 5 or 6 inches long, broad, thick, very fleshy, and entirely stringless, exceedingly rich, buttery and fine flavored when cooked. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **90c**, peck **$2.25**.

Asparagus or Yard Long—Immense pods of a beautiful green color, tender and delicious. Although of such extraordinary length they are produced abundantly. Pkt **5c**, lb **50c**.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c**, peck **$2**.

Kentucky Wonder or Old Homestead—A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c**, peck **$2**.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers, as well as for table use, grows 9 to 10 feet high, dazzling scarlet flowers. Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c**, peck **$2**.

Giant White Runner—A white seeded variety of Scarlet Runner, but earlier and more prolific. Pkt **5c**, lb **25c**, quart **45c**, 5 lbs **90c**, peck **$2.50**

Improved Large Lima—Universally grown for private use. Very early and tender Pkt **5c**, lb **20c**, quart **35c**, 5 lbs **80c**, peck **$2**.

BORECOLE OR KALE

German—Blaetter Kohl. French—Chou Vert.

CULTURE—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly, transplant in June and treat in the same manner as cabbage. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch—Very hardy, one of the best. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**.

Dwarf Green Curled German—Leaves yellowish-green, very compact and beautifully curled. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**.

Tall Green Curled Scotch—About 30 inches tall, with an abundance of dark green leaves, which are densely curled. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**.

Dwarf Green Curled Scotch Kale

Plumage—Curly, variegated leaves, suitable for ornamental purpose, also excellent for table. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**.

BROCCOLI

German—Spargel-Kohl. French—Chou Brocoli.

CULTURE—Same as Cauliflower.

Walcheren White—It bears large compact heads of a creamy white color and of good flavor. Pkt **5c**, oz **40c**, 2 oz **75c**, ¼ lb **$1.20**.

SPECIAL OFFER No. 1

Simmers' Giant Wax Bean
Indian Chief or Black Wax Pole
Simmers' Canadian Wonder Green Pod Bean
Burpee's Bush Lima Bean

One Pkt Each for **15c**, postpaid.

When ordering Beans, Peas or Corn, to be sent by Mail, please add Five Cents per pound for Postage.

BEETS

German—Runkle Rube. French—Betterave.
(One ounce will sow 100 feet of drill.)

CULTURE—The soil best suited to the Beet is a deep, light and rich, sandy loam. For early Beets the seed should be sown about the middle of April, or as soon as the ground is in good working condition, in drills, 12 to 15 inches apart, and thinned to 4 to 6 inches apart in the drills. For winter crops the first of June is the right time. Cover 1 inch deep.

Early Dark Red Flat Egyptian Beet

Detroit Dark Red Turnip Beet

Half Long Dark Blood Red Beet

Simmers' Extra Early Beet

Simmers' Extra Early—Combines more good qualities than any other variety, rich red flesh, exceedingly tender, remarkably early. In this early Beet we have secured more good qualities than were ever combined in any one variety before. In shape it is almost round. The color is dark crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value. It is extremely early. But it is when prepared for the table that its fine qualities become most apparent, the fine, rich color making it conspicuous. The flesh or delicate texture, is rich, sugary, and entirely free from fibre. Price, pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **80c**.

EARLY ECLIPSE—Remarkable for its rapid growth, extreme smallness of tops and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet, an excellent sort. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **60c**.

Crimson Globe—The root is of medium size, of very handsome globe shape, and has a remarkably smooth surface. Both the skin and flesh are deep, rich red' fine grained, sweet and tender in all stages of growth. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **60c**.

Detroit Dark Red Turnip—A grand Beet for bunching for market; tops exceptionally small and uniformly upright; roots are perfect turnip shape with small tap roots. The principal fault with most Turnip Beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found to be one of the deepest red Beets. Quality is of the very best, sweet and tender. Gardeners can safely plant it largely. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **70c**.

EARLY DARK RED FLAT EGYPTIAN—One of the earliest dark red Beets in cultivation; its color is of a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction. See illustration. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **60c**.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety with small top, very tender. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **60c**.

Edmand's Early—The roots are handsome and round, very smooth, with a single tap root, of good marketable size, and for table use no variety can excel it in fine quality. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **60c**.

Half Long Dark Blood Red—The best for family use, tender, sweet, not requiring to be cut in two for boiling. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **60c**.

Whyte's Very Deep Long Blood Red—Very choice and long. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **60c**.

Extra Long Smooth Deep Blood Red—The most popular kind for general use; keeps well. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **60c**.

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep, dark metallic lustre. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **80c**.

Silver Beet or Swiss Chard—Sometimes called Asparagus Beet; a variety with beautiful and tender leaves, used for Spinach. The mid rib is used and served as asparagus. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **80c**.

German—Kopfkohl Gruener **BRUSSELS SPROUTS** French—Chou de Bruxelles.

CULTURE—The seeds should be sown in March or April in the hotbed or in the open ground when the weather permits When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflowers

Large Tall French (Dalkeith)—A very fine variety; the sprouts are large and solid and of luscious flavor. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50**.

Improved Dwarf—A standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50**.

CABBAGE

German—Kopf Kohl. French—Chou Cabus.

(One ounce will produce about 3,000 plants.)

EARLY VARIETIES

SIMMERS' PREMIER—A valuable acquisition, being a round, flat-headed cabbage as early as Wakefield and one-third more productive. It is of the Early Summer type, heads a trifle smaller, very solid, with few small outside leaves, enabling it to be planted very close; very uniform in shape and size, finely bred, and free from any rankness of flavor. Pkt **10c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.80**.

EARLY SPRING—Flat-headed variety as early as Jersey Wakefield. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.80**.

GLORY OF ENKHUIZEN—Very early. Large white, compact, fine grained heads, few outside leaves, a very desirable one of the newer varieties. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2**.

BURPEE'S ALL HEAD EARLY—This is the earliest of all large cabbages, being at least a week earlier than any of the various strains of early Summer Cabbage. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.70**.

EXTRA EARLY "EXPRESS"—From 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller. Heads pointed. It has few outside leaves, and can be planted close. For a very quick forcing sort, try it. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.75**.

HENDERSON'S EARLY SUMMER—A standard early variety much used by market gardeners, heads large, solid and nearly globe shaped, rarely or never burst when fully matured. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.70**.

Jersey Wakefield Cabbage

EXTRA EARLY ETAMPES—A very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild flavored, and for a private garden is a valuable sort. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.75**.

SELECTED EARLY JERSEY WAKEFIELD—One of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.75**.

Early Winningstadt—Pointed head, for summer and winter use, very sound, quality first-rate, sure to head on all soils, desirable for private gardens. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50**.

Simmers' Early German Brunswick Cabbage

(Best for general crop.)

SECOND EARLY VARIETIES

Simmers' Early German Brunswick—A second early variety, short stemmed, solid, large light green flat heads, similar but much superior to St. Dennis most commendable to market gardeners and others, large as Henderson's, and nearly as early, stem remarkably small and short, every plant sure to head. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.00**.

Henderson's Succession—Handsome, large and sure header. The Succession is about one week later than the Early Summer, but is double its size. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **50c**, lb **$1.75**.

All Seasons—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through winter. Heads large and solid, not liable to burst after heading. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.70**.

	Pkt.	oz.	2 oz.	¼ lb.	lb.
Early French Oxheart	5c	15c	30c	50c	$1 70
Fottler's Improved Brunswick	5	15	25	40	1 50
Vandergaw	5	20	30	50	1 70
Early Premium Flat Dutch	5	15	25	40	1 50

LATE VARIETIES

Culture—For very early use sow in January or Ferbruary in hotbeds, prick out, when the plants are strong enough, into other hotbeds, or sow in cold frames in March; transplant, when danger from killing by frost is past, to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground, the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well-prepared rich ground, from the 10th to 25th September. To preserve the plants from insects sprinkle them with slug-shot.

DANISH BALL HEAD—Heads round in form, 8 to 10 inches in diameter and very solid; few outer leaves and these folded closely about the heads. The heads keep excellently through the winter when buried, coming out quite solid in the spring. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.75**.

Lupton—Earlier than Flat Dutch, of closer growth, sure header, large solid, dark green, quality very fine. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.75**.

SIMMERS' MATCHLESS FLAT DUTCH—Extremely handsome in appearance, the stumps being very short. The well-developed heads are true to type and uniform in color, which is an attractive bluish green. The heads measure about 13 inches across and weigh from 10 to 12 pounds each. The Matchless Flat Dutch comes very true, and is a sure header. A very superior cabbage ofr autumn and winter use. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2**.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.75**.

AUTUMN KING—The Autumn King is one of the best keepers we have ever seen: it produces large solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.70**.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture average 30 lbs per head. American-grown seed. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.70**.

	Pkt.	oz.	2 oz.	¼ lb.	lb.
Late French St. Denis	5c	15c	25c	40c	$1 50
Filderkraut	5	15	25	40	1 50
Late Large Drumhead	5	15	25	40	1 50
Late Flat Dutch	5	15	25	40	1 50

Simmers' Perfection Drumhead Savoy Cabbage

SAVOY CABBAGE

Simmers' Perfection Drumhead Savoy Cabbage—Heads large and very finely curled, short stock and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2**.

Improved Large American Drumhead—Of excellent flavor, compact grower and excellent keeper. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **45c**, lb **$1.60**.

Large German Drumhead—A good winter variety with very large heads. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **45c**, lb **$1.60**.

Largest French Drumhead—(Vertus)—Large, solid, and a good keeping variety. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **45c**, lb **$1.60**.

Dwarf Ulm—Head firm, but small, very crisp, curly and fine flavored. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **45c**, lb **$1.60**.

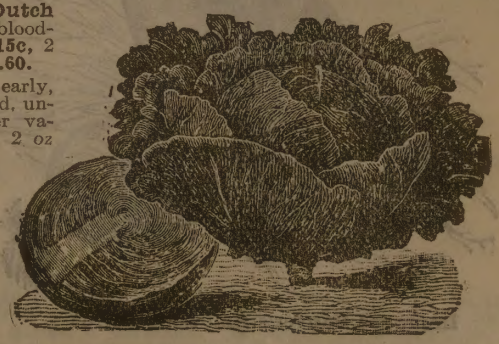
RED CABBAGE

Extra Early Red Dutch Erfurt—Of a very dark blood-red color. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **45c**, lb **$1.60**.

Zenith—Medium early, dark red, very fine ribbed, unsurpassed by any other variety. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.00**.

Large Late Deep Red-Dutch Drumhead—Solid, deep blood-red, heads. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50**.

Mammoth Red Rock—Selected strain of late red cabbage, heads will average 12 lbs each. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **50c**, lb **$1.75**.



Mammoth Red Rock Cabbage

For Cabbage Plants see Plant List at end of Vegetables

CARROTS

German—Moehre. French—Carrotte.

(One ounce of seed will sow 100 feet of drill. Four pounds required for one acre)

CULTURE—See "Simmers' Vegetable Garden," a copy of which is free to buyers of our seeds—ask for it. Price to others, **25c.**

Chantenay Half Long Scarlet Carrot

Improved Scarlet Intermediate (Stump Rooted)—This is certainly the best main crop carrot. It is one of the most uniform in shape, and where the soil is favorable it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **60c.**

Ox-Heart or Half Long Guerande (Stump Rooted)—Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality, and very productive. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Chantenay, Half Long Scarlet—This is the best early carrot in existence, one which market gardeners should plant for their main crop. The carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and are not apt to crack open while growing. An excellent table sort, and a heavy cropper. Our seed is most carefully selected. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Improved Scarlet Intermediate Carrot

Improved Danver's Half-Long—It is of rich orange color, a very heavy yielder and splendid keeper. It is a first-class Carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Pkt **5c,** oz **10c,** 2 oz **15c** ¼ lb **20c,** lb **70c.**

Early Scarlet English Horn or Half-Long—V[illegible] fine and sweet, pointed rooted. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb [illegible]

Early Very Short Scarlet or Golden Ball—French forcing, the earliest variety, almost as round as turnip radishes, and very sweet; ready for use about five weeks after sowing. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **25c,** lb **80c.**

Improved Long Orange—The well-known and popular old standby for late summer and winter use, grown extensively for feeding stock. Pkt **5c,** oz **10c,** ¼ lb **20c,** lb **60c**

Improved Danver's Half Long Carrot

Simmers' Improved Giant Short White—This field carrot is especially suitable for shallow soil. In shape they very much resemble the Oxheart, excepting the roots grow more to a point. When other varieties require digging our Giant Short White can be pulled. Flesh and skin are white, and it is considered by those who have grown it much better in quality than any other variety. Pkt **5c,** oz **10c,** ¼ lb **15c,** lb **40c,** postpaid **45c.**

For other Field Varieties of Carrots see Agricultural Seeds further on.

25c. **Worth of Seeds EXTRA is allowed on each ONE DOLLAR sent for seeds by the PACKET and OUNCE, (excepting Cauliflower.)**

Oxheart or Half-Long Guerande Carrot

CARDOON

The mid ribs of this vegetable are used while in a tender state, similar to Asparagus and the young leaves in the form of Spinach. Sow early in May, in rows 2½ feet apart, and thin the plants out to 2 feet in the row. When the plants have attained their full size, bind them together with matting or twine and earth them up like celery to blanch.

Large Spanish—Pkt **5c,** oz **30c,** 2 oz **50c,** ¼ lb **$1,** lb **$3.00.**

CRESS OR PEPPER GRASS

(One ounce will sow about fifteen square feet.)

CULTURE—Sow thickly in shallow drills, very early in spring, and every wo weeks through the season give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress when well rooted, to the banks of a running tream.

Extra Curled—standard sort, very fine for salads, may be cut two or three times. Pkt **5c,** oz **10c,** ¼ lb **15c,** lb **40c.**

Broad Leaved Dark Green—A large leaved variety, fine, piquant flavor. lb **15c,** lb **40c.**

Extra Curled Cress

Upland (Barbarea Vulgaris)—Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernable, and its use should become more general, as it is of easy culture, and earlier, and can be grown easily for two years without resowing. Pkt **5c,** oz **30c,** ¼ lb **$1.00.**

True Water—A well-known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Pkt **10c,** oz **40c,** 2 oz **75c,** ¼ lb **$1,** lb **$3.50.**

CORN SALAD

(Lamb's Lettuce or Fetticus)

CULTURE—Sow about September or very early in spring, in drills, half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

Broad Leaved—Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **60c.**

Chives

CHIVES

German—Schnittlauch.

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily and in time increase so as to render a division necessary. The tops appear very early in spring and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Seed of the above, pkt **10c.**
Roots per bunch **25c,** postpaid.

Special Offer No. 3—CARROTS.

Very Short Scarlet or Golden Ball—Extra early
Oxheart or Guerande
Scarlet Intermediate
and
Extra Curled Cress

One Packet each for 15c. Postpaid.

CAULIFLOWER

French—Choufleur. German—Blumen Kohl.

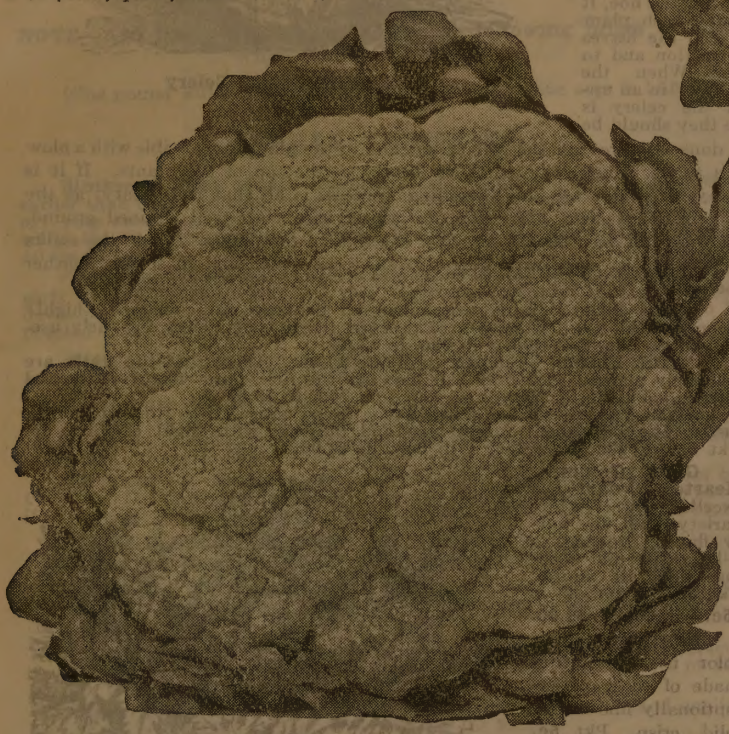
One ounce of seed will produce about 3,000 plants. For plants of Cauliflower, Cabbage, etc., see page 30.

CULTURE—With a deep rich soil and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflower can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. Sow the seed the same as cabbage.

SIMMERS' GILT EDGE—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf erect habit, with short outer leaves. It is a sure header, every plant forming a large, solid, perfect head of remarkably pure white color, of the finest table quality. It is a sure header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. ¼ pkt **15c**, pkt **25c**, ¼ oz **85c**, ½ oz **$1.50**, oz **$2.75**, 2 oz **$5.50**, ¼ lb **$9.00**.

Large Late Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy, and stands dry weather. Pkt **5c**, ½ oz **40c**, oz **70c**, 2 oz **$1.30**, ¼ lb **$2.50**.

Simmers' Extra Selected Early Dwarf Erfurt Cauliflower



Simmers' "Gilt Edge" Cauliflower

Early Snowball—We know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. This variety, while at first early, is better adapted generally to fall use than the large late sorts commonly used for that purpose. All we want is that our customers try it. The habit of the plant is close growing, and compact, and plants can be set closely together, from 18 to 21 inches. Customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown. Pkt **20c**, ¼ oz **70c**, ½ oz **$1.35**, oz **$2.50**, 2 oz **4.50**, ¼ lb **$8.00**.

Simmers' Extra Selected Early Dwarf Erfurt—One of the earliest in cultivation; small leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about fifteen inches high, and in ordinary seasons every plant will produce a marketable head. For an all round market gardeners' variety, we consider this the best for general outside use. Pkt **20c**, ¼ oz **70c**, ½ oz **$1.35**, oz **$2.50** 2 oz **$4.50**, ¼ lb **$8.00**.

Early Demi-Dur or Half Early Paris—Pkt **5c**, ½ oz **40c**, oz **70c**, 2 oz **$1.30**, ¼ lb **$2.50**.

Dry Weather—A distinct strain from Denmark, similar in growth to Early Erfurt. It produces equally large solid white heads, a little later. Specially adapted for dry locations. Pkt **20c**, ¼ oz **70c**, ½ oz **$1.35**, oz **$2.50**, 2 oz **$4.50**, ¼ lb **$8.00**.

Late Erfurt Market—A large German variety, well suited for this climate. Pkt **10c**, ½ oz **$1.00**, oz **$1.75**, 2 oz **$3.00**.

Large Late Algiers—An excellent favorite, late variety. Pkt. **10c**, ½ oz **70c**, oz **$1.30**, 2 oz **$2.50**, ¼ lb **$4.50**.

Late Italian or Veitch's Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Pkt **5c**, ½ oz **30c**, oz **50c**, 2 oz **80c**, ¼ lb **$1.50**.

Early Snowball Cauliflower

CURLED CHERVIL

German—Kerbel. French—Cerfeuil.

CULTURE—A very rich herb, similar in growth and flavor to Parsley and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are under that head.

Pkt **5c**, oz **10c**, 2 oz **20c**, ½ lb **30c**, lb **$1.00**.

CHICORY

German—Caffewurzel. French—Chicoree.

CULTURE same as carrots. **Large Rooted Madgeburgh**—Pkt **5c**, oz **10c**, ¼ lb **20**, lb **50c**, 10 lb at **45c** lb.

ENDIVE

German—Endivien. French—Chicoree.

CULTURE—For early use sow thinly in May, in drills one foot apart, and for a succession, every two or three weeks until midsummer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top, and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarolle)—It is chiefly used in soups. Per pkt **5c**, oz **15c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.50**.

Early Green or French Moss Curled—Very tender, hardy leaves, dark green and crisp. Per pkt **5c**, oz **15c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.50**.

CELERY

German—Seller. French—Celeri.

Buy the Book on Growing Celery
"CELERY FOR PROFIT,"
by T. Greiner.
Price 20c.

For Celery plants see end of Vegetable list.

One ounce will sow a bed of nine square yards, and produce about 4,000 plants.—Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stalky. When the plants are five or six inches high, transplant the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling"; after the soil has been drawn up with the hoe, it is drawn closer around each plant with the hand, to keep the leaves firm in an upright position and to prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use the "handling" process is all that isnecessary, as the blanching will be done in the trenches. To store for winter use, select well drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

Paris Golden Yellow or Self Blanching

Giant Pascal Celery

Paris Golden Yellow or Self-Blanching—This variety is now the leading sort in all markets as an early Celery. It is ready for use nearly as early as White Plume, producing dwarfer and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety makes it only necessary to be tried in order to establish it as the standard of excellence as an early sort. Pkt **10c**, ½ oz **30c**, oz **50c**, 2 oz **90c**, ¼ lb **$1.50**, lb **$5.00**.

Rose Ribbed Paris Golden Self-Blanching—The general color similar to Golden Self-Blanching except that the naturally golden-colored stalks are suffused with a warm rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color. Pkt **10c**, oz **40c**, 2 oz **70c**, ¼ lb **$1.30**.

Simmers' Special Dwarf White Winter—Solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit, walnut flavor and keepting qualities. Pkt **10c**, oz **45c**, 2 oz **80c**, ¼ lb **$1.50**.

SIMMERS' IMPERIAL—When fully grown the outer stalks average two inches wide and are nearly as thick as a man's finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass. After growing to a great size it lends itself readily to the blanching process, assuming a rich yellow tinge in the heart, and presenting a very attractive appearance. Pkt **10c**, oz **45c**, 2 oz **80c**, ¼ lb **$1.50**.

Simmers' Large Ribbed Dwarf White—Perfectly distinct and of a beautiful cream-white color; attains a very large size, is of quick growth, stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Pkt **5c**, oz **30c**, 2 oz **55c**, ¼ lb **$1**, lb **$3.00**.

Evan's Triumph—One of the best late sorts, of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid, of finest texture and quality; crisp and tender and real nut-like flavor. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**, lb **$3.00**.

Simmers' Imperial Celery

White Plume (Early)—Requires no banking up to blanch; highly recommended to all who wish to procure a first class Celery for early use. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**, lb **$3.00**.

"Pink Plume"—Similiar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of the red celeries. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**, lb **$3.00**.

Giant Pascal—Of fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high and bleaches with slight earthing up. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.00**.

Giant Golden-Hearted Dwarf—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size and keeping well all winter. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.00**.

New Rose—The color is a beautiful shade of rose; of exceptionally fine flavor, solid, crisp. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.00**.

White Solid—Fine nutty flavor. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.00**.

Carter's Incomparable Dwarf Crimson—Keeps well, and is of a fine, nutty flavor. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.00**.

Turnip - Rooted Erfurt Giant, or Celeriac—Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2.00**.

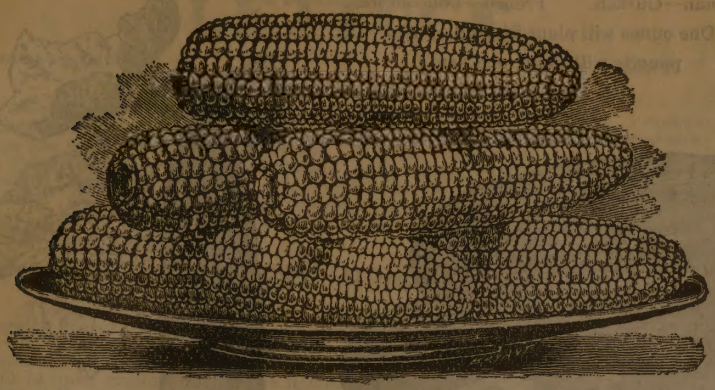
Flavoring Celery—Oz **5c**, ¼ lb **15c**, lb **40c**; postpaid **45c**.

Simmers' Special Dwarf White Winter Celery, the best in cultivation for market gardeners and private gardens.

SPECIAL OFFER NO. 4—CELERY

White Plume—Early. **Paris Golden Yellow**—Medium.
Simmers' Special Dwarf White Winter—Late.
ONE PACKET OF EACH FOR 20 CENTS.

First-Class Seeds, of equal quality. Cannot be bought anywhere for less money. We know that SIMMERS' SEEDS are the BEST that grow.



Mammoth White Cory Corn

SWEET CORN

FOR TABLE USE

NOTE—Add five cents per pound to the following prices of Corn when wanted by mail.

(One pound will plant about 100 hills; one peck, one acre in hills).

EARLY VARIETIES

Simmers' First of All—Earliest of all, ready three days to a week earlier than Cory; in habit of growth it is more dwarf and of superior quality; very sweet and tender; a large number of the ears have 10 to 12 rows while the Cory generally has 8 rows. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c** 10 lbs **$1.10.**

"Premo"—Very early and the ears are much larger than those of other early varieties. The stalks are very vigorous, generally bearing two well developed ears to the stalk. It is quite hardy, so much so that it can be planted quite early. Pkt **5c**, lb **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Peep O'Day—Ears about six inches long, of good form. Very early and of good flavor. Pkt **5c**, lb **20c**, qt **35c**, 5 lbs **80c.**

Mammoth White Cory—This strain is nearly as early as the original Cory, while the ears are of larger size. The cobs are white and the ears retain the pearly whiteness of the grains when cooked. Pkt **5c**, pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Sheffield—A new extra early hardy variety, the result of a cross between the Cory and the Extra Early Adams. Juicy, and of fine, sweet flavor if gathered at the proper stage. Pkt **5c**, pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Kendel's Early Giant—The ears grow to a very large size. Kernels pure white, sweet and tender. Pkt **5c**, lb **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Early Red Cory—Very sweet and of rich flavor; desirable for private or market gardens. Extra early. Pkt **5c**, lb **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Pkt **5c**, pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Early Minnesota—One of the best early varieties, and of good quality. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Early Crosby Sweet—One of the largest early, rich sugary flavor, very productive. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Black Mexican Sweet—A black-grained variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

MEDIUM EARLY VARIETIES

IMPROVED NE PLUS ULTRA (Country Gentleman)—Sweet and tender and most productive, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white. Pkt **5c**, pt or lb **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Perry's Hybrid Sugar—Second early, with large ears, white, deliciously sweet and tender. Our stock is selected. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Nonsuch Sugar—Medium early, wonderfully productive, but above all, of the finest flavor. Pkt **5c**, pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet. Pkt **5c**, pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Moore's Early Concord Sweet—One of the largest early varieties. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

POP CORN

Pearl—Smooth grained ears. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **40c**, 10 lbs **75c.**

White Rice—A very early, fine white variety, with pointed kernel. Pkt **5c**, lb **15c**, qt **25c**, 5 lbs **40c**, 10 lbs **75c.**

To secure a further succession, we consider the following the most suitable sorts : MAMMOTH WHITE CORY, MOORE'S EARLY CONCORD, COUNTRY GENTLEMAN, EARLY EVERGREEN.

Stowell's Evergreen Corn

LATE VARIETIES

Stowell's Evergreen—The best late sweet corn in every way. Being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking; there is no other late Sweet Corn which can compare with it. Our seed being most carefully selected for depth of kernels, size of ears and freedom from flint and glaze, we know that it will give entire satisfaction. Pkt **5c**, lb **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Monarch or Early Evergreen—This distinct new strain possesses the characteristics which have made Stowell's Evergreen so deservedly the favorite for main crop, but produces ears fit to use from one week to ten days earlier; while about one-third smaller, the ears are of typical Stowell's type and of the same fine quality. Pkt **5c**, pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Egyptian Sweet, or Washington Market—A fine large variety, somewhat resembling the Evergreen. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

Tuscarora White—This is a late variety, with ears large and flour white kernels. Pkt **5c**, lb or pt **15c**, qt **25c**, 5 lbs **60c**, 10 lbs **$1.10.**

DANDELION

Loewenzahn. Dent-de-Lion.

Dandelion is fast becoming the favorite spring green on the market.

Thick-Leaved—An improvement on the common sort, the leaves being double the size. Pkt **10c**, oz **40c.**

EGG PLANT

(One ounce will produce 1,000 plants.)

CULTURE—Sow in a hot-bed for early crops, or very early in the spring in shallow drills in a warm, sheltered, dry situation, in the open ground and protect by hand glasses. Transplant when warm weather, into well-enriched ground 12 inches apart and 20 inches from row to row. The fruit, when ripe is sliced, well spiced and fried.

The New York Improved Large Purple Spineless—This is an entirely spineless strain of the large purple-fruited New York Improved, which is the well-known standard. The plants are equally as productive, fruits are large and well colored, but stems of the plants and calyx of the fruits are entirely free from spines. This adds greatly to their appearance, makes them more easily handled and less liable to mar the satiny skin. Pkt **10c.** oz **50c.**

Long Purple—Very hardy, early and productive. Pkt **5c**, oz **40c.**

Long White—Pkt **10c**, oz **60c.**

Early Purple Dwarf—About three to five weeks earlier than any other variety. Pkt **10c**, oz **50c.**

Egg Plant New York Improved Spineless

The Three Best Sorts of Sweet Corn for Succession

EARLY WHITE CORY

PERRY'S HYBRID

STOWELL'S EVERGREEN

SPECIAL OFFER No. 5

One packet each of the 3 kinds, postpaid, **15c.**
One pint each of the 3 kinds, postpaid, **55c**; at buyer's expense, **45c.**
One quart each of the 3 kinds, postpaid, **95c**; at buyer's expense, **70c.**

Cucumber

German—Gurken. French—Concombre.
(One ounce will plant fifty hills; two pounds will plant one acre.)

CULTURE—See "Simmers' Vegetable Garden," a copy of which is free to buyers of our seeds—ask for it. Price to others, **25c.**

SIMMERS' IMPROVED EXTRA EARLY WHITE SPINE—This private strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only pickles. In purity it is unequalled. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer keeps green much longer than the yellow varieties and no sort excels it in crispness and fine flavor. Selected seed. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **35c,** lb **$1.00.**

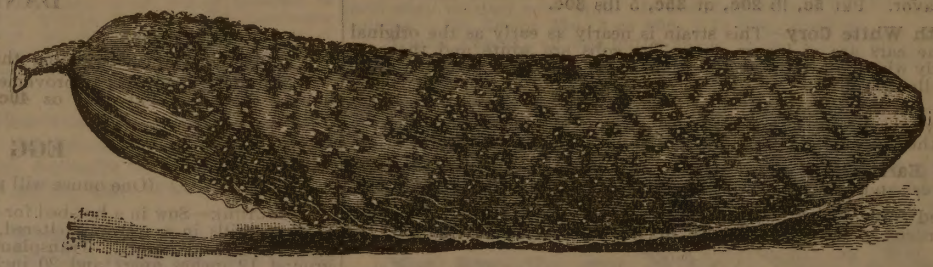
Simmers' Improved Long Green Cucumber

Simmers' Improved Extra Early White Spine Cucumber

"The Emerald"—This variety is strictly an evergreen, holding its color until fully ripe. The flesh is crisp and tender; highly recommended for slicing. Makes an excellent pickle when young, and a fine sweet pickle when matured. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **40c,** lb **$1.30.**

Simmers' Improved Long Green—The best for general crop, fine long fruit, firm and crisp. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **35c,** lb **$1,00.**

Westerfield Chicago Pickling—It is exceedingly prolific, bearing small well-formed fruit, covered with spines and of an unusual deep green. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **35c,** lb **$1.00.**



The Cumberland Cucumber

Paris Pickling—The young cucumbers when of the proper age for pickling, are slim and slender, from three to five inches in length. When ready for pickling they show absolutely no sign of seeds, and are of an unusually dark green color. Pkt **5c,** oz **30c,** 2 oz **35c,** ¼ lb **50c,** lb **$1.25.**

White Wonder—About eight inches long; the skin is thin, while the pearly white flesh is exquisitely fine in quality; quite brittle, and remains solid for a long time. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **40c,** lb **$1.30.**

"Cool and Crisp"—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size a exceedingly tender and crisp. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **35c,** lb **$1.20.**

The Cumberland Pickle—One of the best pickling cucumbers; enormously prolific; a shy seeder, fine for both slicing and pickling. This variety of the hardy White Spine type, is a rapid strong grower and is very prolific in fruit. The flesh is firm, very crisp and tender at all stages. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ ld **35c,** lb **$1.20.**

Japanese Climbing—While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit. The quality is splendid and well adapted for pickling as well as for slicing. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **40c,** lb **$1.30.**

Livingston's Evergreen—A very strong grower, but extra early and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **40c,** lb **$1.30.**

Nichol's Medium Green—As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **40c,** lb **$1.30.**

	Pkt	oz	2 oz	¼ lb	lb
The Pride of Canada	10	(3 pkts 25)			
Giant Pera	5	15	25	40	$1 50
Early Frame	5	15	25	35	1 20
Early Cluster	5	15	25	35	1 20
Siberian	5	15	25	35	1 20
Boston Pickling or Green Prolific	5	15	25	35	1 20
Early Russian or Moromian Gherkin	5	15	25	35	1 20

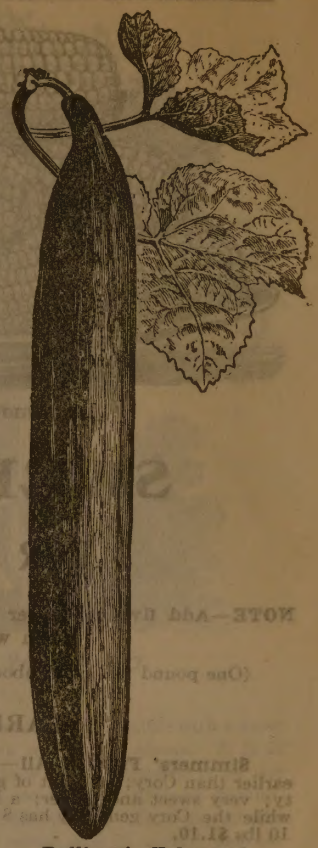
ENGLISH SORTS

For Hotbeds and Greenhouses

The Model—A very choice variety, producing handsome cucumbers of wonderful size. Pkt **20c,** ¼ oz **$2.50.**

Blue Gown—A very fine black spined variety, 18 to 24 inches long, smooth. Pkt **20c,** ¼ oz **$2.50.**

Marquis of Lorne—A highly esteemed variety of handsome form and fine flavor, 24 to 30 inches long. Pkt **20c,** ¼ oz **$2.50.**



Rollison's Telegraph Cucumber

Rollison's Telegraph—Very prolific, early, crisp, and of superior quality. Pkt **20c,** ¼ oz **$2.00.**

Mixture—Of the foregoing English sorts. Highly recommended for forcing or outdoors. Pkt **10c,** ¼ oz **$1.50.**

GARLIC

German—Knoblauch. French—Ail.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring in rows one foot apart, and from one to five inches in the rows.

Garlic Sets—Per oz **5c,** ¼ lb **10c,** lb **30c,** postpaid **35c;** 5 lbs **$1.25,** carriage extra.

GOURDS

Japanese Nest Egg—These exactly resemble in color, shape and size the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break and are uninjured by cold or wet. As the plant is a very rapid growing climber it is very useful for covering screens, etc. Pkt **5c,** oz **25c.**

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Pkt **5c,** oz **25c.**

Luffa or Dish Rag—A native of the East Indies, and in it nature has furnished us with the vegetable dish-cloth, the seeds being enveloped in sponge-like cloth, which is tough, elastic and durable. Pkt **5c,** oz **25c.**

Sugar Trough—Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from 2 to 10 gallons each. Pkt **5c,** oz **25c.**

Ornamental Pomegranate—Pkt **5c,** 6 for **25c.**

Mixture—A collection of the most ornamental, including all the above. Pkt **10c,** 3 pkts **25c,** 7 pkts **50c.**

HORSE RADISH

Sets—Good strong ones, ready for sale at any time. **10c** each, 4 for **20c, 50c** per doz. post pd.

LETTUCE

German—Lattich Salat. French—Laitue.

(One ounce will sow 150 feet of drill.)

CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hotbed in February. A sowing may be made in the open ground as soon as it can be worked, after this every two weeks until July if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep, and transplant a foot apart in the richest soil Hoe frequently and in dry weather water plentifully.

SIMMERS' NONPAREIL

This remarkable variety, first introduced by us a few years since, has rapidly grown in popularity among gardeners, who all agree in pronouncing it one of the best lettuce they have ever grown for forcing under glass in hot-bed and green house, and equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautifully light yellowish green color, and of superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuce for both the family and market gardener. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **50c**, lb **$1.50.**

"Giant Glacier"—A most excellent variety to plant for a summer supply of fine head lettuce as it withstands heat and drought to an unusual degree. It produces fine solid heads when the soil is so dry and the weather so warm that the varieties usually depended upon for a midsummer supply fail. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50.**

"Golden Queen"—A very desirable early variety of a most pleasing golden yellow color and second to none for forcing. It is very crisp, tender and juicy. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50.**

"Wonderful" Lettuce—It is a very large head variety, excellent for furnishing fine, crisp, well-blanched lettuce during the hot summer months. The heads are large, tightly folded, and the inner leaves blanched, to a pure white. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50.**

Grand Rapids—Of handsome appearance, a strong grower, very crisp and tender and not apt to rot, and will keep from wilting a long time. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **50c**, lb **$1.50.**

Hanson—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 2½ to 3 lbs. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.25.**

The Gardeners' Favorite—One of the best heading varieties, suitable either for forcing or outdoor cultivation. Heads large and solid. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50.**

Toronto Market—Heads large, very solid and of good flavor. Color yellowish green and suitable for forcing and open air cultivation. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50.**

Simmers' Nonpareil Cabbage Lettuce

Unrivalled or Improved Big Boston Cabbage Lettuce—This new variety possesses all the good qualities of the Big Boston, viz., earliness, good size, attractive light green color, etc., and it has besides a few more that make it specially valuable for the private garden. It may be sown almost the whole year around; it keeps its heads remarkably well during the summer heat, remaining crisp and solid when other varieties become tough and flabby. Pkt **5c**, or **15c**, 2 oz **25c**, ¼ lb **50c**, lb **$1.50.**

Hanson Cabbage Lettuce

Unrivalled or Improved Big Boston Cabbage Lettuce

Giant Glacier Lettuce

Simpson's Early Curled Cabbage—(White Seeded)—Suitable for forcing. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50.**

Simpson's Early Curled Cabbage—(Black Seeded)—Forms large, loose heads of thin and exceedingly tender golden yellow leaves. It stands the summer heat splendidly. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50.**

Green Curled Silesian—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.25.**

	Pkt	oz	2 oz	¼ lb	lb
Trianon Cos Celery Lettuce	5c	15c	25c	40c	$1 50
Paris White Cos	5	15	25	40	1 25
Paris Green Cos	5	15	25	40	1 25
Denver Market	5	15	25	40	1 50
Tennis Ball or Boston Market	5	15	25	40	1 50
Drumhead or Maltese	5	15	25	40	1 25
Victoria Red-Edged	5	15	25	40	1 25

SPECIAL OFFER NO. 6.

4 BEST LETTUCE

Nonpareil Cabbage
Improved Big Boston
Paris Cos
Golden Queen

Each **5c** pkt or the **4 FOR 15c.**

LEEK

KOHL RABI

German—Kohl Rabi. French—Chou Rabe.

A vegetable intermediate between the Cabbage and the Turnip. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed and thin out where it stands to 8 inches in the row.

Early White Vienna—Flesh white and tender, best market sort, excellent for table use. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb lb **45c**, lb **$1.50.**

Early Purple Vienna—Similar to the preceding except in color. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **45c**, lb **$1.50.**

LEEK

German—Lauch. French—Poireau.

One ounce will sow a drill about 100 feet.

Large Scotch or Broad Leaved Flag—Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **35c**, lb **$1.25.**

Large Musselburgh or Monstrous Carentan—Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50**

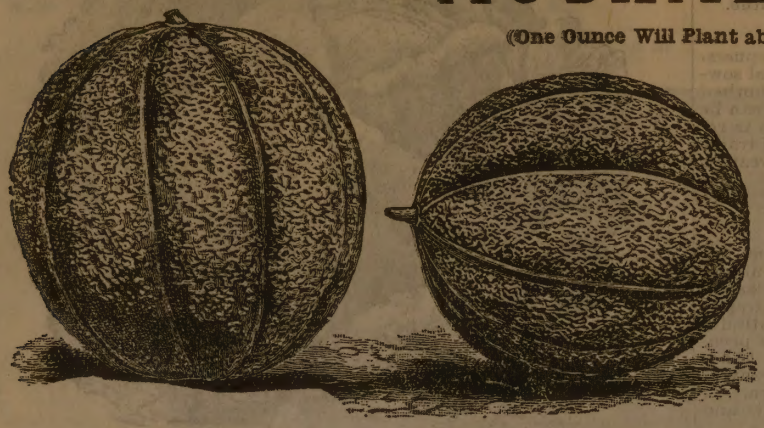
CULTURE—See Simmers' "Vegetable Garden," a copy of which is free to buyers of our seeds; ask for it. Price to others **10c.**

Kohl Rabi

MUSKMELONS

German—Melonen.
French—Melon.

(One Ounce Will Plant about Fifty Hills)



Paul Rose Muskmelon

CULTURE—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure on each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to three plants per hill. When about one foot long pinch off the tops to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills for early use may be had by sowing on pieces of sod in a hottbed, and when warm enough transplant to open ground.

Simmers' Dominion Green Flesh—The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green; melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who raise, or grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the Dominion Green Flesh. Pkt **10c**, oz **40c**, 2 oz **60c**, ¼ lb **90c**, lb **$3.**

Paul Rose, or Petosky—In this sort we have a melon that will give perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted Gem, combining the sweetness of the former with the fine gray netting of the latter, making it a handsome Melon. The fruit averages about five inches in diameter, and is oval in form. The flesh is thick and firm, a deep salmon or orange color, most delicious and appetizing. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Emerald Gem Musk Melon

Tip-Top—Quite distinct in appearance, this new Melon is of the finest quality. Flesh yellow, sweet, juicy and firm, but not hard fleshed. Fruit ribbed and beautifully netted. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

"The Newport"—The Newport Melon, while small, is very deep fleshed, and of a dark green color. The Newport stands in the same relation to the green fleshed melons that the Princess does to the red-fleshed, in every respect the best. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Princess—Nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon and in flavor is sweet and luscious beyond description. They ripen early, grow to a good size, frequently weighing from 8 to 10 pounds each; vines often produce 6 to 8 perfect melons. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Skillman's Fine Netted—The best early kind, green flesh and luscious flavor. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25**

Simmers' Dominion Green Flesh

Emerald Gem—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a highly flavored fruit. Pkt **5c**, oz **20c** 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Montreal Green Nutmeg — A beautiful round netted, deep-ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 pounds. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Montreal Green Nutmeg Musk Melon

Extra Early Netted Gem, or Rocky Ford—Oval strain, one of the earliest, best and most prolific small melons. Oval shape, uniform in size, flesh light green, of very fine flavor, a popular variety with market gardeners, as it is very uniform and an excellent shipper. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Jersey Belle—Although not quite as early as the Hackensack, does best on light soils, and will develop perfectly, even on white sand. It is of beautiful shape, a little flattened on the ends, deeply ribbed and heavily netted, indicating by its outward appearance the exquisite quality of the beautiful green flesh within. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Early Hackensack Muskmelon

Early Hackensack—A green variety, growing to a large size, very productive and of exquisite flavor. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Improved Christiana—The earliest Muskmelon known, green flesh, netted and exquisite flavor. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Persian or Casawba—Oblong, netted, green flesh, early, delicious flavor, recommended for garden. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Miller Cream or Osage—A remarkably good variety of large size and delicious flavor, flesh rich salmon, very thick and solid Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Early Yellow Cantaloupe—Very fine flavor, round, flesh reddish orange, an early and productive variety. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

Mango Melon—(Vegetable Peach, Vine Peach)—The fruit is about the size of a large peach or orange, oval shaped, and of a bright orange-yellow color, somewhat russetted outside, flesh is snow-white. For sweet pickles, pies or preserving they are superb. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.25.**

CITRON

Citron—(Red seeded)—For preserves; striped and marble light green, flesh white and solid. Pkt **5c**, oz **15c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.**

"Colorado Preserving" — green seeded—Most prolific, flesh firm and large, solid size, preserving qualities the best. Pkt **5c**, oz **15c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.00.**

Citron for Preserving

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the Vegetable Peach is plain, and when ripe is not russetted. Pkt **5c**, oz **15c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.**

WATERMELONS

German—Wasser Melone. French—Melon d'eau.

CULTURE—Same as Muskmelon. (One ounce will plant about 30 hills.)

Vick's Early—Oblong, smooth, rather small, flesh bright pink, solid, sweet and early. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

COLE'S EARLY—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of dark red color. Medium size, nearly round in shape, rind green, striped with lighter shades. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Hungarian Honey—Very luscious, of good size, round and productive, skin medium dark green, bright red. Pkt **5c**, oz **10c**, 2 oz **20c**, ¼ lb **25c**, lb **90c**.

Ice Cream or Peerless—The great home-market Melon. It has too thin a rind for shopping. Few, if any, surpass a pure Ice Cream for quality and productiveness. Flesh bright scarlet, solid to centre; melting and delicious. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Kleckley's Sweet—Large oblong Melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The scarlet flesh is sweet and sugary, and is of such texture that it leaves no strings of pulp whatever in eating. Pkt **5c**, oz **10c**, 2 oz **20c**, ¼ lb **30c**, lb **$1**.

McIver's Wonderful Sugar—A large oblong melon of handsome appearance. Skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp and juicy, and solid to the centre. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Phinney's—Oblong, bright red flesh, tender, well flavored, very productive and early. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Nabob—A very large, solid, heavy melon of splendid keeping qualities. Slightly oblong in shape. Color dark green. Medium early and of mognificent keeping qualities. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Seminole—Large size and delicious flavor. Flesh a vivid crimson color, crisp and sugary. The melons are of two colors, gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Improved Long Dixie—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equalling the latter in fine eating quality and flavor, being a week to ten days earlier than either, with a remarkably thin rind almost impenetrable, which preserves it for a great length of time. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Cuban Queen—Beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Black Spanish Early—Red core, very delicious, skin dark green. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **90c**.

Kleckley's Sweet Watermelon

Cole's Early Watermelon

SPECIAL OFFER No. 7

Tip-Top Muskmelon
Paul Rose Muskmelon
Citron for Preserves
Black Spanish Early Watermelon

One Packet Each For 15 Cents

MUSTARD

German—Senf. French—Moutarde.

(One ounce will sow about 50 feet of drill.)

CULTURE—Sow rather thickly in rows in a hotbed as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high

White—For salad or medicinal purposes. Pkt **5c**, oz **10c**, ¼ lb **15c**, lb **30c**.

Brown—For seasoning, more pungent in flavor than the White. Pkt **5c**, oz **10c**, ¼ lb **15c**, lb **30c**.

Chinese Curled, or Southern Giant—Leaves twice the size of the ordinary White Mustard, stems more succulent, of deeper green, flavor pleasantly sweet and pungent. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **30c**, lb **$1**.

MARTYNIA

Martynia Proboscidea—The best variety for pickles. Sow in May or June, at least three feet apart. Pkt **5c**, oz **30c**, 2 oz **55c**, ¼ lb **$1**.

MUSHROOM SPAWN

German—Champignonbrot. French—Champignon.

The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high price this article generally commands on the market. But there is no excuse why everyone that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 60 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meats as onions are today. Considering the abundance of the necessary materials in all parts of our country, both in city and farm, and the high estimation in which the Mushroom is held, it is plainly demonstrated that the cultivation of Mushrooms is in its infancy in our country. The best results have been obtained by the use of our superior English Mushroom Spawn, known as **J.A.S.P.** or J. A. Simmers' Prolific, which is largely used by the most successful growers around Toronto. Full and explicit instructions are obtained in our pamphlet **"How to Grow Mushrooms Successfully,"** which we will mail for **10c**, or free with orders for two bricks.

Imported English Spawn—Made up in large bricks, each **20c**, 5 for **70c**, per doz **$1.50**, per 25 **$2.50**. If to be sent by mail add **8c** a brick for postage.

Imported French Spawn—Loose, in boxes **$1.00** each, postpaid, **$1.25**. By express, **$10.00** per dozen boxes. Carriage extra.

NASTURTIUM (Or Indian Cress)

(One ounce will sow about 30 feet of drill.)

CULTURE—Sow about the middle of May in the open ground, one inch deep, in patches, and train them to sticks. The seeds, when young and tender, are picked as a substitute for capers, to which some prefer them. The leaves are eaten in salad, and are very tasty; are also used as a garnish.

Tall Mixed Nasturtium—Pkt **5c**, oz **10c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.00**.

Dwarf Mixed Nasturtium—Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **35c**, lb **$1.25**.

Mushrooms

New Virgin Mushroom Spawn (French)—This virgin spawn is characterized by its great vigor of growth, and being raised from spores of the best and healthiest Mushrooms, it does not contain any of the bacteria or other organisms which may be prevalent in spawn that has not been manufactured and sterilized by this new process. It therefore is not so liable to be attacked by disease, a consideration which alone possesses a high degree of interest and does away with one of the great drawbacks in Mushroom growing. It is sold in the form of compressed and sterilized manure slabs or tablets, thoroughly pervaded by the spawn and which are 1½ inches thick and 2¾ x 3¾ inches in surface. **15c** tablet, postpaid, **$1.20** a dozen. If by mail add **10c** a dozen.

SIMMERS' ONION SEED

German—Zwiebel. French—Ognon

(One ounce will sow 100 feet of drill; 4 to 5 pounds per acre.)

CULTURE—The onion thrives best in a rather deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by levelling the ground with a rake, and tread it firmly; sow thinly, in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

Simmers' Large Yellow Globe Danvers Onion

YELLOW VARIETIES

LARGE YELLOW GLOBE DANVERS—The most popular yellow onion all over the country. Our strain of seed has been selected most carefully, the flatter onions being thrown out. The name "Globe," in this connection must be taken comparatively, as the **True Danvers Onion** is never so perfectly globe-shaped as the Southport Yellow Globe. All the perfectly globe-shaped varieties are later maturing than the **Yellow Globe Danvers.** We cannot too strongly recommend our seed of this variety; from careful trials we know it is unsurpassed by any strain. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **40c,** lb **$1.50.**

Large Yellow Flat Danvers—In quality and size equal to the preceding, but flat in shape Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **70c,** lb **$1.50.**

Large Yellow Strasburg or Dutch—One of the oldest varieties, good keeper, and fine flavored. Pkt **5c, oz 15c,** 2 oz **25c,** ¼ lb **40c,** 1 lb **$1.50.**

Australian Brown Onion

Extra Early Yellow Cracker—It is the earliest of the yellow onion sorts of superior quality, and like the Extra Early Red is an excellent kind to raise where the seasons are short, and often profitable to the market gardener who brings the first ripe onions to the market. Pkt **5c, oz 20c,** 2 oz **35c,** ¼ lb **50c,** 1 lb **$1.80.**

PRIZE TAKER—This is a large beautiful onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size they are very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. (See cut). Pkt **5c,** oz **20c,** 2 oz **35c,** ¼ lb **50c,** 1 lb **$2.00.**

Southport Yellow Globe—Same shape as White Globe, color yellow, an excellent keeper. Pkt **5c,** oz **20c,** 2 oz **35c,** ¼ lb **50c,** 1 lb **$1.80.**

Australian Brown—Is of medium size, wonderfully hard and solid. They are extremely early in ripening, splendidly suited to sow in our northern cold sections. The color of the skin is a clear amber brown. Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **40c,** 1 lb **$1.50.**

RED VARIETIES

Large Red Wethersfield—The most profitable red onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from 1 to 2 pounds. In short it is the best red onion for everybody. Pkt **5c,** oz **20c,** 2 oz **35c,** lb **50c,** lb **$2.00.**

Extra Early Red—Quite distinct and true (American growth) about ten days earlier than the preceding. Pkt **5c,** oz **20c,** 2 oz **35c,** ¼ lb **50c,** lb. **$2.00.**

Southport Red Globe— Pkt **5c,** oz **20c,** 2 oz **35c,** ¼ lb **50c,** lb **$2.00.**

Giant Brown Rocca—Very large and globular, light brown skin and delicate flavor. Pkt **5c,** oz **20c,** 2 oz **25c,** ¼ lb **40c,** 1 lb **$1.50.**

Mammoth Pompeii—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red, and the flesh is close grained and nearly white. It is a very mild flavor. Pkt **5c,** oz **20c,** 2 oz **35c,** ¼ lb **60c** lb **$2.00.**

Red Globe Tripoli — Excellent quality. Pkt **5c,** oz **20c,** 2 oz **35c,** ¼ lb **60c** lb **$2.00.**

Large Flat Red Maderia—Large, tender and a good keeper. Pkt **5c,** oz **20c,** 2 oz **35c,** ¼ lb **60c,** 1 lb **$2.00**

Welsh Red—Pkt **5c,** oz **15c,** 2 oz **25c,** ¼ lb **40c** lb **$1.40.**

Large Red Wethersfield Onion

Southport Yellow Globe Onion

SPECIAL OFFER No. 8.

ONION SEED—1 Pkt each for 20c.

Yellow Globe Danvers — **Large Red Wethersfield**

Prize Taker — **White Barletta Pickling**

The "NEW ONION CULTURE"—T. Griener. Price **50c** postpaid.

If you use ONION SEED in large quantities, please state how much and let us quote you.

"Prize Taker" Onion

SEEDS

We pay postage on packets, ounces, and ¼ pounds, also on pounds except where noted.

Mammoth Silver King Onion

ONIONS

LARGE WHITE VARIETIES

Southport White Globe — Handsome globular onion, of mild flavor, good keeper, one of the best. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75**, lb **$2.50.**

Largest White Portugal — Mild flavor good keeper, extensively grown for market. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75**, lb **$2.50.**

White Victoria—Skin and flesh pure white, of sweet mild flavor. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**, lb **$2.50.**

Mammoth Silver King—The bulbs are of attractive form, flattened but thick through bulbs often weigh from 2½ to 4 pounds each; the skin is a beautiful silvery white. Flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. (See cut). Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **50c**, b **$1.80**

Flat White Tripoli or Mexican — Excellent quality. Pkt **5c**, oz **20c**, o oz **35c**, ¼ lb **60c**, lb **$1.80.**

Large French or Welsh, White—This variety should be sown in August; it is excellent for salads. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.40.**

WHITE PICKLING VARIETIES

White Barletta—This variety is most distinct on account of its great earliness. It is of a beautiful waxy white color, with finely formed bulbs, flattened at top. Its earliness highly recommended its use as a substitute for Onion sets, and it is without a rival for pickles. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.80.**

Small White Nocera — Very small and round, pure white. Pkt **5c**, oz **20c** 2 oz **30c**, ¼ lb **50c**, lb **$1.80.**

Paris Silverskin—A handsome Onion of mild flavor, extensively grown for pickling. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.80.**

White Queen—Remarkable for its extreme earliness and very mild flavor, it is small and white skinned, much liked for pickling. Pkt **5c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.80.**

Onion Sets

Early Small White Paris Silverskin Onion for Pickling

ONION SETS

Please write us for prices on bushel lots of Onions Sets (prices fluctuate) and we will quote lowest market rates.

(One quart of Dutch sets is needed for 40 feet drill)

Please remember that Onion sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

White Potato or Multiplier Onion Set—Are of a pure silvery white color and very productive, of excellent size, and quality for bunching green, or can be ripened for use as pickling Onions. Their keeping qualities are remarkable, but their most important qualities are their extreme earliness, being ready for market from three or four weeks ahead of other onion sets. Pt **20c**, qt **30c**, 2 qts **55c**, 4 qts **$1**, postpaid. Peck **$1.25**, bush **$4.00**; carriage extra.

Yellow Onion Sets (Dutch Sets)—Pt **15c**, qt **25c**, 2 qts **45c**, 4 qts **90c**, postpaid; peck **$1.50**, carriage extra.

White Onion Sets (Dutch Sets)—Pt **20c**, qt **30c**, 2 qts **55c** 4 qts **$1**, postpaid; peck **$1.70**, carriage extra.

English Potato Onion Sets—The real English multiplier. Lb **20c**, 2 lbs **35c**, postpaid; 10 lbs **$1.20.** Carriage extra.

Top or Button Onion Sets—Pt **20c**, qt **35c**, 2 qts **65c**, postpaid.

Shallots, or Multiplier Onion Sets — For early spring use. Lb **20c**, 5 lbs **$1.00**, postpaid; 10 lbs **$1.40** at purchaser's expense.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onion can be had. It is mild flavored, sweet and tender. Pt **15c**, qt **25c**, 2 qts **45c**, postpaid; peck **60c**, carriage extra.

SPECIAL OFFER, No. 9—One pint each **White and Yellow Dutch Sets 35c**, one quart of each **55c**, four quarts of each **$2.00** by mail, postpaid.

Small White Nocera Onion

White Barletta Onion

White Potato or Multiplier Onion Sets

Hollow Crowned Parsnip

German—Pastinake. **PARSNIPS** French—Panais.

(One ounce will sow about 150 feet of drill).

CULTURE—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops, should be selected, and if manure must be used, let it be well decomposed. Sow in drills 15 and 18 inches apart, as early in the spring as possible, thin out, leaving 6 inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest of the ground until spring to be dug up as required.

Large Long Smooth Dutch Hollow Crowned—We believe this is the finest stock of parsnip that can be produced. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this strain particularly desirable. (See cut). Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **50c**.

Improved Guernsey or Half Long—The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine-grained, and of excellent quality Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **50c**.

Early Round—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **50c**.

German—Pinment. **PEPPERS** French—Pfeffer.

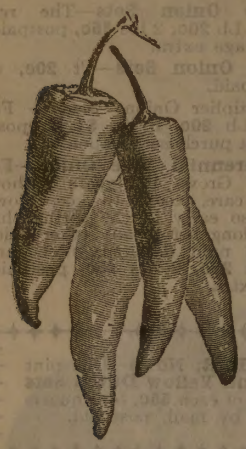
(One ounce will produce 1,000 plants)

CULTURE—Peppers are sown as early as possible in spring, in a hotbed or warm room, one-quarter of an inch deep, and transplanted about the middle of May, in drills 18 inches apart each way, or in drills with plenty of ro ten manure at the bottom. The soil must be rich and strong, and in the co rs of the summer an occasional watering with liquid manure or a moderate solution of guano will be beneficial.

Improved Bull Nose or Large Squash or Bell—Of mild flavor, favorite sort for pickling, and for use in the natural state. Pkt **5c**, oz **30c**.

Long Cayenne—Best for pickles, pods long, cone-shaped. Pkt **5c**, oz **30c**.

Long Red—Pod, brilliant red, 2 to 4 nches in length. Pkt **5c**, oz **30c**.



Long Red Pepper

Monstrous or Grossum — remarkably large and irregular in shape, sweet and thick flesh. Pkt **5c**, oz **40c**.

Neapolitan — the earliest of all large peppers, and most productive. Bright red and very mild flavor. Pkt **5c**, oz **40c**.

Improved Bull Nose or Large Squash or Bell Pepper

Procopp's Giant—They are of brilliant scarlet color, flesh fully one-half inch thick. They are just hot enough to be pleasant. Each plant ripens from 8 to 12 perfect fruits, from 8 to 10 in long by 3 in. thick. Pkt **5c**, oz **40c**.

Celestial—The plant begins to set its fruit early in the season, and continues until frost. They are from 2 to 3 inches long, of clear, sharp flavor. Pkt **5c**, oz **40c**.

Sweet Spanish — Fruit obtusely conical, often 4 inches in length, nearly 3 inches in diameter, glossy scarlet in maturity, the earliest of all sweet mild and pleasant. Pkt **5c**, oz **30c**.

Small Red Chill—Fruit very piquant and small, about 2 inches in length. Pkt **5c**, oz **30c**.

Mammoth Golden Queen or Mango—Beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit. Pkt **5c**, oz **30c**.

Black Nubian Pepper—Fruit a deep blue-black, while the stalks are al black, and the fruit as it ripens turns to a rich maroon. Superior for pickling at any stage, and when ripe are of a very sharp, pungent flavor. Pkt **5c**, oz **40c**.

SPECIAL OFFER No. 10.

MOSS CURLED PARSLEY, LONG RED PEPPER, HOLLOW CROWNED PARSNIP

One Packet each for 10 cents.

German—Essbarer **OKRA OR GUMBO** French—Gombo.

(One ounce will plant 100 hills.)

CULTURE—Its long pods, when young, are used in soups, stews, etc. It is sown at the usual time of all tender vegetables, in drills 2 inches deep, setting the plant from 2 to 3 feet apart.

Long Pale Green—Long-ripped pods, this variety generally succeeds the best of any. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**.

Dwarf Green—Earliest, with small, green, smooth pods. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**.

German—Peterslie. **PARSLEY** French—Persil.

(One ounce will sow 125 feet of drill.)

Soak the seeds a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 6 inches apart. To have green during the winter remove plants into a box and place in a light cellar or cold frame.

Best Extra Triple Curled, with leaves finely cut and curled and of deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **80c**.

Covent Garden Garnishing or Champion Moss Curled — A perfectly curled variety. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **80c**.

Covent Garden, or Champion Moss Curled Parsley

German—Kurbis. **PUMPKINS** French—Courge.

(One ounce will sow about 20 hills)

CULTURE—Seeds are saved from enormous specimens and should be sown on hills with plenty of manure at bottom, in rather damp ground. Only 2 or 3 plants to each hill. Excellent or culinary and feeding purposes.

Simmers' Mammoth Prize Pumpkin—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Pkt **10c**, oz **25c**, 2 oz **40c**.

Winter Luxury—This we recommend as one of the best pie pumpkins, an excellent keeper and enormously productive. It is finely netted and in color it is golden russet. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **80c**.

Large Yellow Mammoth Cheese—Hardy, productive and superior n all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **80c**.

Japanese Pie—Flesh very thick, nearly solid, unusually fine grained dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Pkt **5c**, oz **10c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.00**.

Jumbo Pumpkin

Large Field — Both for culinary purposes and for feeding cattle, a large yellow variety known as the Pie Pumpkin. Pkt **5c**, ¼ lb **10c**, lb **30c**, postpaid **35c**.

Jumbo — One of the largest varieties grown, very attractive. Pkt **5c**, oz **15c**, 2 oz **30c**, ¼ lb **50c** lb **$1.50**.

Jonathan — A good keeper of large size, very prolific, smooth, and even fleshed; very sweet and fine for pies. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c** lb **90c**.

SPECIAL OFFER No. 11

PUMPKINS

One Packet each

Simmers Mammoth Prize Jumbo Japanese Pie

For 15 Cents

POTATOES

German—Kartoffel. French—Pomme de Terre.

(In drills 3 feet apart; 12 to 14 bushels to the acre, 1 peck will plant about 125 hills).

"A.B.C. of Potato Culture," by Terry. Price **50c.**

We shall ship as early as is safe from the frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

Prices on Potatoes are subject to Market Changes without Notice.

Early "Sensation" Potato

EARLY "SENSATION"

An Extra Early Handsome Potato. A Strong, Healthy Grower.

The finest in quality of all early potatoes, and the earliest variety of good size. The potatoes are roundish oblong in form, with a beautiful creamy white skin, slightly suffused with pink, the eyes are shallow. The cooking qualities are all that can be desired. It is the best variety for truckers, as it ripens very evenly as well as early. The tops die down quickly as soon as the crop is matured, so that the potatoes may be dug early and the ground planted to a second crop.

There is a great deal of pleasure and satisfaction in being able to be the first to deliver full grown potatoes to market, anywhere from a week to two weeks ahead of your neighbors and secure the fancy prices.

We have choice stock which we will supply as long as it lasts at the following low prices:

Price—lb. **20c,** 3 lbs. **50c,** postpaid; peck **50c,** bush **$1.50,** bag **$2.25**

HOWARD"

THE HOWARD POTATO is the best all round general crop potato. It is handsome in appearance. The tubers are longish in form; they run the most uniform in size, color and quality of any potato. The eyes are shallow while the smooth white russet skin gives it a handsome appearance. It is extremely hardy. The plant is very distinct in growth. The stalks grow stiffly erect and are closely set with deep-green foliage; the leaves are broad and flatly spread. The foliage retains its vigor and rich coloring until the plants are full grown; it seldom is affected by blight, rot or any disease. As the potatoes mature the vines die down completely to the ground. It is more productive than any other general crop potato and keeps better. Properly stored, potatoes will keep in fine marketable condition all winter—in fact, until late in the spring and even until the next year's crop is ready.

It has met with the heartiest appreciation from potato growers everywhere.

Price—lb **20c,** 3 lbs **50c,** postpaid. Peck **50c,** bush **$1.50,** bag **$2.25.**

THE "DELAWARE"

Delaware—Its cropping qualities are phenomenal, and we believe it to be one of the heaviest yielding Potatoes grown. Its productiveness is largely attributable to the uniform size of the potatoes, nearly all sizing up alike, none too large and few too small, but its crowning merit is its superb cooking qualities, which will ultimately place **Delaware** on every table where quality in Potatoes is appreciated. Its handsome pure white, floury appearance attracts the attention of all. It is a medium late variety. The tubers are oval, with pure white russet skin, with very shallow eyes near the surface and handsome in appearance and perfect form. Lb **20c,** 3 lbs **50c,** postpaid, peck **50c,** bush **$1.50,** bag **$2.25,** carriage extra.

EARLY MARKET

Grows a rather spare upright top, matures its crop very quickly, and produces heavy yields of large, smooth potatoes, with few small ones. It is just as early and just as good in quality. The tubers have the peculiar specks characteristic of all the Ohio class.

Lb **20c,** 3 lbs **50c,** postpaid; peck **50c,** bush **$1.50,** bag **$2.25,** carriage extra.

WHITE OHIO

A western grower who has been using Early Ohio seed, found four years ago a plant producing pure white potatoes, identical in every way with the best of the old Ohio except in color, which is a fine white. For every locality where a white potato is the popular market color, this new Ohio is bound to be a favorite.

Lb **20c,** 3 lbs **50c,** postpaid; peck **50c,** bush **$1.50,** bag **$2.25,** carriage extra.

When Potatoes are ordered by the bushel, linen bags must be allowed for at the rate of 10c per bushel or bag, otherwise the amount will be deducted from the quantity ordered.

EXTRA EARLY "OHIO JUNIOR"

The Earliest of all and a Great Cropper

This variety is 2 weeks ahead of the old Early Rose, and is a special favorite with farmers and marketmen. The tubers grow compact in the hill, and very few small ones; few eyes. With heavy manuring close planting (they can be planted almost a half closer than most other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected. This is our specialty in standard early varieties. We are confident that many do not know a true Early Ohio, having been deceived in the purchase of the seed.

Lb **20c,** 3 lbs **50c,** postpaid; peck **50c,** bush **$1.50,** bag **$2.25,** carriage extra.

ROSE OF THE NORTH

Early, Excellent Quality, Grand Keeper and a Wonderful Cropper

Strong and stalky, of medium height. The tubers are even in size, averaging from 8 to 12 ounces apiece, and of beautiful rose color. Under good cultivation as many as 14 potatoes, all fit for market have been produced from one single eye planted. In earliness the Early Market has proved a few days in advance, but on July 1st, when Rose of the North were dug, the tubers of the latter were by far the largest. Lb **20c,** 3 lbs **50c,** postpaid; peck **50c,** bush **$1.50,** bag **$2.25,** carriage extra.

GOLD COIN

Unequaled for Main Crop

The vines are strong, with exceptionally *luxuriant deep green foliage,* making a healthy growth when other varieties are cut down by blight. The tubers are of good size and lie closely together in the hill. In form the tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is but little waste in paring. The skin is thin, smooth, and glossy, of *light golden tint,* having just sufficient coloring to distinguish it from the white-skinned varieties. The flesh is fine-grained, of a *pure pearly whiteness, and cooks to a dry floury whiteness.* It will cook dry and mealy. Its vigorous growth and great productiveness make it the most profitable variety for the planter. Price—lb **20,** 3 lbs **50,** postpaid; pecks **50,** bush **$1.50,** bag **$2.25.**

SPECIAL OFFER No. 12 **1 lb each of any three varieties** delivered free for **50c.** 3 lbs each **$1.50.** Also 1 peck each **$1.50.** 1 bush each **$4.50,** by freight or express at purchaser's expense.

White Ohio **Early Ohio**

POTATO EYES (Free by Mail)

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, hence everyone who has a garden can order at any time durig the winter or early spring and save express or freight charges. We offer 4 varieties this season as follows:

25 Eyes Early Ohio Jr. ..... **30c** **25 Early Sensation** **30c**
25 Gold Coin ..... **30c** **25 Eyes Rose of the North** **30c**

Sweet Potato

SPECIAL OFFER—25 eyes each of the above four varieties for **$1,** postpaid.

Potato Seed per pkt **25c.**

SWEET POTATO PLANTS

Early Nansemond, doz **30c,** 50 for **75c,** 100 for **$1.25.**

Peas

German—Erbsen. French—Pois.

One pound will plant about 50 feet of drill, from 2 to 3 bushels per acre.

Please add five cents per pound for postage.

Simmers' First of all Pea

CULTURE—The pea comes earliest to maturity in light, rich soil For general crops a deep loam or a soil strongly inclined to clay is the best. For early crops mild manure, such as leaf mould, should be employed. Plant as early as the weather will permit, in well prepared soil, and cover about two or three inches deep. Sow three feet apart for early kinds and four feet for late. For a continuous supply sow from early in April until the last of June, then discontinue unti the middle of August, when an extra early sort will sometimes produce a good crop. Soak in warm water for a few hours previous to sowing.

We supply all varieties of Peas, except where specified, at 5c per small pkt. and 10c for good size pkt.

EARLY VARIETIES

Simmers' First of All—This variety is unequalled for excellence, yield, size of pod and regularity of ripening. Height two feet, produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Simmers' First of All in private gardens. Lb or pt **15c**, qt (2 lbs) **25c**, peck **$1**, bush **$3.90.**

Surprise Pea—One of the earliest of the wrinkled sorts, fully as early as the smooth varieties, but far superior in quality. The vines grow about two feet high, and are enormously productive, bearing many pods which are well filled with deliciously sweet peas; not quite as large as the American Wonder, but fully its equal in quality. Lb **20c**, qt **35c**, pk **$1.90**, bush **$7.20.**

Alaska—The earliest blue pea, very uniform in growth, the dark green color of the pods combined with its earliness, make it a most desirable extra early pea for market and private gardens. Height two feet. Lb or pt **15c**, qt **25c**, pk **$1**, bush **$3.90.**

McLean's Little Gem or Premium Gem—One foot dwarf green wrinkled marrow, has all the sugary flavor of the late wrinkled peas, besides being very early. Needs no sticks. Lb or pt **20c**, qt (2 lbs) **35c**, **pk $1.80, bush $7.00.**

Gradus or "Prosperity"—This is a large-podded marrow of the finest quality, maturing pods only two or three days later than the small-podded, round-seeded, extra earliest. The vine has heavy stems with large dark green leaves, and in rich soil grows three feet in height, It produces uniformly large pods measuring from four to four and a half inches in length, nearly round and well-filled with very large, handsome peas, which remain tender and sweet for some time. Pkt **10c** lb or pt **25c**, qt **45c**, pk **$2.50..**

Thos. Laxton—The growth of this variety is identical with that of Gradus, but the pods are a deeper, richer green, square at the end and even sweeter and finer in flavor than the Gradus. It is generally three or four days later than Gradus. Pkt **10c**, pt **25c**, qt **45c**, pk **$2.50.**

Nott's Excelsiors—Robust and vigorous in growth, producing in profusion long handsome pods, closely packed with large peas of fine flavor. Seed green, wrinkled, square at the end like American Wonder. Height 12 inches. Lb or pt **20c**, qt **40c**, pk **$2.25.** bush **$8.00.**

American Wonder—Ten inches. One of the earlest wrinkled peas in cultivation, exceedingly productve and of very dwarf and compact growth; quality good. Lb or pt **20c**, qt (2 lbs) **40c**, pk **$2.00**, bush **$7.50.**

William Hurst—A dwarf, compact growing variety, 8 to 10 inches high, similar to the American Wonder. The vines are more productive, the pods mature more nearly at one time, enabling the whole crop to be taken off at one or two pickings, while the quality is superior. Pods two and a half inches in length, slightly pointed at each end. Lb **20c**, qt (2 lbs) **40c**, pk **$2.25.**

Daisy or Dwarf Telephone Pea—The vines grow fifteen to eighteen inches high, are dwarf, stalky and vigorous, very productive The pods are about five inches long, and well filled with large, thick, pale green peas of good lasting qualities. The pods often contain as many as ten peas. Pkt **10c**, lb **25c**, qt **45c**, pk **$2.50.**

Gradus or "Prosperity" Peas

MEDIUM EARLY VARIETIES

HEROINE—Pods remarkably long and handsome, slightly curved. well filled with large luscious peas of fine flavor. Height two feet, Seed green and very much wrinkled. Lb **20c**, qt **35c**, pk **$1.60**, bush **$6.00.**

Bliss' Everbearing—Two feet high. A splendid general crop pea, averaging four inches in length and containing six to eight wrinkled peas of large size, while in sweetness of flavor they are unsurpassed. Pt **15c**, qt (2 lbs) **30c**, pk **$1.50**, bush **$6.**

Horsford's Garden—Grows from two to two and a half feet high. It is extremely prolific, and bears its pod always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Lb **15c**, qt **25c**, pk **$1.25**, bush **$4.80.**

EDIBLE PODDED OR SUGAR PEAS

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 10 inches long, grows 6 feet high, can be used in green state like string beans. ¼ lb **10c**, lb or pt **25c**, qt **40c**, pk **$2.50.**

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. ¼ lb **10c**, lb or pt **25c**, qt **40c**, pk **$2.50.**

Nott's Excelsior Peas

If Peas are to be sent by Mail be sure to add Five Cents per pound for Postage.

Peas—Continued

Packets of any Variety, Five Cents Each.

LATER VARIETIES

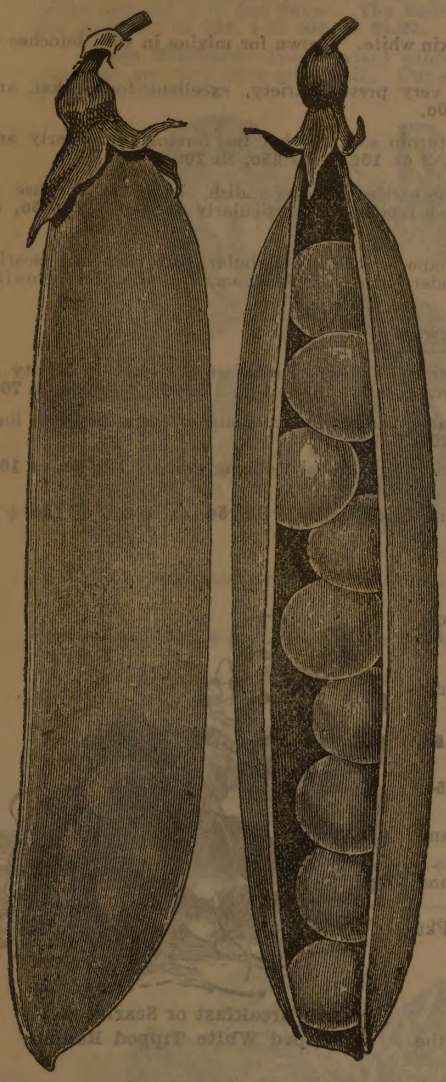
Stratagem, Improved—The old Stratagem Pea has always been one of the best late sort for quality, but it was a shy yielder, which impaired its usefulness. The improved Stratagem has all the sterling qualities of the original type, and is one of the heaviest yielders. The vines are of medium height, very stocky; the pods are of immense size, well filled with very large dark green peas. Pt **20c**, qt **35c**, peck **$2.00**, bush **$7.00**.

Telephone—This strong growing, sweet, wrinkled pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods and very fine table quality. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Pt **20c**, qt **35c**, peck **$1.75**, bush **$7.00**.

Pride of the Market—It grows from 18 inches to 2 feet in height, and bears grand pods well filled from top to bottom with large, fine flavored peas. Its robust constitution, enormous yield and superior appearance ensure its acceptance as a favorite with the public. Pt **20c**, qt **35c**, peck **$1.75**, bush **$6.60**.

Champion of England (4 feet)—Universally admitted one of the best peas grown; a delicious flavor and good bearer. Lb or pt **15c**, qt **25c**, peck **$1.20**, bush **$4.80**.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well-filled pods; a popular market variety. Lb or pt **10c**, qt **15c**, peck **60c**, bush **$2.00**.



Improved Stratagem Pea

Large White Marrowfat—Well known, prolific and of good flavor, 3 feet high. Lb or pt **10c**, qt **15c**, peck **60c**, bush **$2.00**.

Yorkshire Hero (2½ feet)—Very prolific, and of delicious flavor. Lb or pt **15c**, qt **25c**, peck **$1.30**, bush **$5.00**.

THE THREE BEST PEAS for the Home Garden

These can be all planted at the same time and they will be ready for use in succession.

Nott's Excelsior Early Dwarf variety, very productive.

Thos. Laxton—Best next early variety.

IMPROVED STRATAGEM—Best large podded late variety. For further description see general list.

No. 13 SPECIAL OFFER

Packet of 3 Sorts postpaid **15c**
½ lb each of the 3 Sorts, postpaid **40c**
1 lb each of the 3 Sorts, postpaid **75c**

IMPROVED PEANUT or GROUND PEA

The Peanut Plant is a pea which blossoms in the air, and then thrusts the ovary under ground for development. The ripened ovary or seed pod is the peanut of commerce. The choice variety which we offer is early, large prolific, yielding fewer imperfect pods than any other kind. The nut is red, with two or three kernels to the pod; large and of rich flavor. Pkt **10c**, pt **25c**, qt **40c**, postpaid.

Johnston St. Martin Rhubarb

RHUBARB OR PIE PLANT

German—Rhubarber. French—Rhubarbe.

(One ounce will produce about 500 plants)

Culture—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring, transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Johnston St. Martin—It is immediately productive, one of the earliest, and has a rich, spicy flavor, very similar to the Gooseberry when used for pies. Delicate pink. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2**.

Myatt's Linnæus—One of the best for family use, thin skin; very early and productive. Deep green. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c** lb **$2**.

Victoria—Similar to the preceding, but more acid and productive. Stalks red. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2**.

Large Roots of any of the above—Each **20c**, 3 for **50c**, per doz **$2.00**, postpaid; doz **$1.70**, 100 **$12.00**, by express.

SALSIFY

OR VEGETABLE OYSTER.

German—Bocksbart. French—Salsifis

(One ounce will sow 50 feet of drill)

Culture—The direction for growing and cultivating Carrots, given on page 12, apply also to Salsify. From its resemblance in flavor to oysters it derives its name. Soak the seed before sowing, in warm water for 12 hours.

Mammoth Sandwich Island—This variety is of very large size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **50c**, lb **$1.75**.

Mammoth Sandwich Island Salsify

SCORZONERA

OR BLACK OYSTER PLANT

(One ounce will sow 50 feet of drill)

Culture—Cultivated the same as carrots or Salsify. The outer Rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips.

Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **50c**, lb **$2**.

RADISHES

German—Radieschen und Rettige. French—Radis. (One ounce will sow 100 feet of drill.)

CULTURE—See **Simmers' Vegetable Garden** which contains full cultural directions. Free to customers—who ask for it; to others **10c.**

SUMMER VARIETIES

EARLY ROUND OR TURNIP-SHAPED

Early Scarlet Olive-Shaped Radish

"Leafless Bright Scarlet"—Extra early, remarkable for the small size of the leaves; the roots grow so quickly they are practically in advance of the leaves. A beautiful bright color and the crisp, tender flesh is excellent. Pkt **5c,** oz **10c,** ¼ lb **35c,** lb **$120**

Triumph (Forcing)—The small, round, pure white roots are marked with bright scarlet, in flakes and in short lines running around the circumference. Very desirable for forcing under glass. Skin thin, flesh crisp, tender and mild in flavor. Pkt **5c,** oz **10c,** 2 oz **20c,** ¼ lb **30c,** lb **$1.00.**

Early Scarlet Turnip-Rooted—Small top, quick growth, mild and crisp, best for market. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **60c.**

Long White "Icicle" Radish

Scarlet White Tipped Turnip-Rooted Radish

Early White Turnip-Rooted—Very early flesh and skin white. Grown for mixing in with bunches of red radishes. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **60c.**

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market, and fine for forcing. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Early Scarlet Globe (Forcing)—A most desirable turnip sort for hot bed forcing; very early and in flavor mild, crisp, juicy and tender. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **25c,** lb **70c.**

Early Non Plus Ultra (Forcing)—Unquestionably the earliest forcing radish, being fit for use in three weeks; the root is round and bright scarlet; the flesh tender and particularly delicate. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Rosy Gem or Scarlet White Tipped Forcing—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp and delicious; desirable for growing under glass. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **25c,** lb **80c.**

EARLY OLIVE-SHAPED

Early Scarlet Olive-Shaped White- Tipped (Forcing)—(French Breakfast Radish)—A variety of quick growth, mild and tender, and one of the best for forcing. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c**

Half Long Deep Scarlet or Paris Beauty—An early variety intermediate in shape between long scarlet and olive shaped. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Early Scarlet Olive-Shaped—Very early of a livid rose color and oblong shape. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Early White Olive-Shaped—Similar to Scarlet, skin being white. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

EARLY LONG

Long Brightest Scarlet White Tipped or Cardinal—Roots mature in about twenty-five days from time of planting, and continue in good condition until full grown. It has a small top and can be used for forcing. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Long White "Icicle"—This distinct Radish is the finest and longest of the very early pure white varieties. It is crisp, tender and of mild flavour. Pkt **5c,** oz **10c,** 2oz **15c,** ¼ lb **25c,** lb **75c.**

Wood's Early Frame—(Forcing)—A long, scarlet, excellent for forcing. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **60c.**

Long White Naples—Excellent for table, flesh white, crisp and mild. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **60c.**

Improved Chartier—The color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Long White Vienna ("LADY FINGER")—The radishes being long, slender, pure white, crisp, and very mild in flavor. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **25c,** lb **70c.**

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **60c.**

French Breakfast or Scarlet Olive-Shaped White Tipped Radish

WINTER VARIETIES

White Chinese (Celestial)—One of the largest in cultivation. The flesh is white and solid and the flavor excellent. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **30c,** lb **$1.00.**

White Chinese Radish

Long Black Spanish—Very large and one of the best for winter use. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

California Mammoth or Long White Spanish—Very large, rather milder than the Long Black. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Long China Rose—Very desirable, light rose color, flesh fine and piquant. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

Round Black Spanish—Large of firm texture. Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **70c.**

OUR RADISH MIXTURES

Summer Varieties, Winter Varieties, Pkt **5c,** oz **10c,** 2 oz **15c,** ¼ lb **20c,** lb **60c.**

SPECIAL OFFER No. 15

1 pkt Scarlet Turnip Radish.
1 pkt Rosy Gem Radish.
} **For 15c.** {
1 pkt Scarlet Olive-Shaped Radish.
1 pkt Victoria Improved Spinach.

German—Speisekurbisse. **SQUASH** French—Courge.

(One ounce will plant fifty hills).

CULTURE.—Prepare the hills the same way as directed for Cucumbers on page 16. The bush varieties, should of course, be planted closer together than those with long vines.

SUMMER VARIETIES

Bush Vegetable Marrow—A decided improvement on the old trailing Vegetable Marrow; the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.40**.

English Vegetable Marrow—(*Running*)—Well-known variety, oblong, skin greenish yellow, flesh white, rich flavor. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.40**.

Summer Crookneck—Early, productive and good quality, fruit orange yellow. Pkt **5c**, oz **15c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.00**.

Bush Scallop—Yellow and white. Pkt **5c**, oz **15c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.00**.

WINTER VARIETIES

Golden Hubbard Squash—In shape same as the Green Hubbard, but the skin is a rich orange color. It matures earlier, and is more productive. The color of flesh is deep golden yellow, cooks dry and is of fine flavor. The keeping qualities are fully equal to the old variety. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.20**.

Green Hubbard—The standard winter squash, of good size, dry, fine grained, orange-yellow, flesh and dark olive green skin. Our seed is the very best strain. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.20**.

English Vegetable Marrow

Summer Crookneck Squash

Chicago Warted Hubbard—A specially fine strain of the popular and well-known Hubbard Squash. The fruits are large and uniform in size, with rich, dark skin, generally set thickly with small excrescences of warts; very productive. The strain has deservedly become very popular in many markets. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.20**.

Mammoth Whale—The squashes are often three feet long, of a dark, rich color, and sometimes weigh over one hundred pounds. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Pkt **10c**, oz **20c**, 2 oz **30c**, ¼ lb **50c**, lb **$1.50**.

Essex Hybrid—Rich flavored, fine grained and sweet, flesh very thick, rich colored and solid very early. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.20**.

Boston Marrow—Fine, large and sweet; it keeps well in winter and will boil dry as a potato. Pkt **5c**, oz **15c**, 2 oz **20c**, ¼ lb **30c**, lb **$1**.

Bay State—Extremely solid, heavy weight, fine and dry flesh, sweet flavor, beautiful golden-yellow, very handsome, shell extremely hard and flinty, an excellent keeper. Pkt **5c**, oz **15c**, 2 oz **20c**, ¼ lb **30c**, lb **$1**.

Large Mammoth Yellow Chili—Grows to an immense size, often weighing 200 lbs; excellent for all uses. Pkt **10c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$2**.

Golden Hubbard Squash

Special Offer No. 16
ONE PACKET EACH OF
Mammoth Whale Squash
English Vegetable Marrow
Hubbard Squash
FOR 15 CENTS

Special Offer No. 17
ONE PACKET EACH OF
Green Hubbard Squash
Golden Hubbard
Chicago Warted Hubbard
Summer Crookneck
FOR 15 CENTS

SEA KALE

(One ounce will produce about 300 plants).

Seed—Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**, lb **$3.00**.
Roots—Each **20c**, 3 for **50c**, doz **$1.75** postpaid.

Large Leaved Giant Flanders

French—Epinard. **SPINACH** German—Spinat.

(One ounce will sow 100 feet of drill; 10 to 12 lbs for one acre.)

CULTURE—Sow in drills one inch deep and one foot apart; the summer varieties in April for summer use, and the winter varieties in August or September for winter or spring use.

VICTORIA IMPROVED—The foliage is heavy, the broad, dark green leaves being of a true Savoy appearance, and of the finest quality, it remains in prime condition from two to three weeks after all other varieties of spinach have run to seed. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **30c**.

Extra Large Leaved or Giant Flanders (Viroflay)—A splendid variety, with leaves much larger and broader than any other variety, round, thick and fleshy, dark green. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **30c**.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **30c**.

Long Standing—Stands a long time before running to seed, otherwise similar to the well-known Round Leaf. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **30c**.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **30c**.

Bloomsdale Large Curly, or Savoy Leaved—Excellent, tender and fine flavored. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **30c**.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**, lb **$1.50**.

New Zealand—(Tetragonia perennial)—Fit for use the first year, must be slightly protected during winter. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **30c**, lb **$1.00**.

Perennial—(Rumex Patentia)—Sow in spring and fit for use in autumn, quite hardy. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **60c**.

German—Liebesapiel. **TOMATO** French—Tomate.

(One ounce will produce 1,500 plants)

CULTURE—Sow in a hotbed about the first week in March in drills about five inches apart and a half an inch deep. About the middle of May, in this latitude the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils which are not suited to an early crop, they should be planted four feet apart, water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

Chalk's Jewel—The largest, smoothest and finest flavored extra early variety. The thick flesh is bright scarlet, very solid, with few seeds. Pkt **10c**, oz **30c**, 2 oz **55c**, ¼ lb **$1.00**.

Livingston's Globe—In shape distinct from all others—Early, large, and firm, fleshed with seeds. Color glossy rose; flavor excellent. Pkt **10c**, oz **30c**, 2 oz **55c**. ¼ lb **$1.00**.

Livingston's Dwarf Stone—Its fruits average nearly as large as Stone, the well-known, largest fruited, standard red variety, and yet come very early. The strong, upright habit of growth permits of close planting—as near as 18 by 24 inches—and produces an abundant crop. The shape of fruit is beautifully smooth; free from cracks about stem; grows solid; ripens evenly and is of excellent quality. Pkt **5c**, oz **30c**, 2 oz **55c**. ¼ lb **$1.00**.

Magnus—The fruits are very deep from stem to blossom end, many of them being almost globe-shaped. It ripens evenly, does not crack, and the flavor is most desirable. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**.

Simmers' Selected Stone Tomato

"Imperial"—The fruit is large, smooth and solid. It not only produces very early fruit, but it will hold out through the season until late in the fall. A splendid keeper. In color it is that attractive pink. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**.

Creekside Glory—Very robust and exceedingly prolific. It carries its fruits in clusters, which are large, round and perfectly smooth and of a deep rich red color. It ripens early, has a most delicious flavor and is a good keeper. Pkt **10c**, oz **30c**, 2 oz **50c**, ¼ lb **75c**, lb **$3**.

Earliana—Earliest smooth, bright red tomato, of large size. Pkt **5c**, oz **30c**, 2 oz **50c**, ¼ lb **$1.00**.

Enormous—Large smooth bright red tomato. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**.

The Stone (Simmers' Selected)—Fruit very large and deep, bright scarlet, smooth, ripening evenly to the stem without a crack, exceedingly solid and firm-fleshed, of the finest quality, the best for family use and for canneries. Pkt **5c**, oz **20c**, 2 oz **35c**, ¼ lb **60c**.

Table Queen (Simmers' Special)—Perfectly smooth and round; for slicing it is the tomato par excellence, as it is wonderfully solid and contains comparatively few seeds. The color is a rich shade of crimson. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**, lb **$3.00**.

Early Ruby or Atlantic Prize—By far the earliest of all the large-size tomatoes, which combine good form, rich crimson color and solidity. Pkt **5c**, oz **20c**, 2 oz **40c**, ¼ lb **70c**.

STANDARD VARIETIES

Our Tomato seed has all been grown by Tomato specialists who plant for seed only. Per pkt **5c**, oz **25c**, 2 oz **40c**, ¼lb **75c**, any of the following:

Dominion Day	**Ignotum**	**Ponderosa**
Beauty	**Plentiful**	**Dwarf Champion**
Mikado	**Trophy**	**Peach**

YELLOW VARIETIES

Golden Queen—Large smooth, yellow, excellent flavor, very productive. Pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color yellow. Pkt 5c, oz **40c**, 2 oz **75c**.

PRESERVING VARIETIES

Yellow Cherry..... **Small Red Cherry**.. **Small Red Currant**. **Yellow Plum**..... **Yellow Pear**..... } Pkt **5c**, oz **50c**.

WINTER CHERRY, also called Strawberry or Ground Cherry (Physalis-Alke-kengi)—Culture same as Peppers. The fruit of the plant, which is a berry enclosed in an inflated calyx, is eaten as a common fruit, and is particularly pleasant for tarts. Pkt **5c**, oz **40c**.

TOBACCO

Seed is generally sown in hot beds in March and April, though sometimes in cold frames or even the open ground. As soon as plants are from four to five inches high, and all danger of frost is passed, they should be transferred to open ground in rows four feet apart and from two and a half to three and a half feet apart in the rows. After planting the ground should be stirred with a one-horse cultivator about once in ten or twelve days, so as to keep the land thoroughly clean from weeds, and in a porous and mellow condition. Frequent cultivation will also induce more favorable conditions of moisture. This should be continued as long as the cultivator can be passed through the rows without injuring the plants. After this, as the roots of the plants will then almost fill the space between the rows, the ground should be kept clean by shallow hoeing.

Small Red Canadian—Fine for smoking. Pkt **5c**, oz **60c**.

Canelle—Fine flavored Canadian variety Pkt **5c**, oz **50c**.

Connecticut Seed Leaf—Pkt **5c**, oz **20c**, 2 for **35c**, ¼ lb **75c**.

White Burley, Yellow Pryor, Blue Pryor, Yellow Orinoco and Climax—Each pkt **5c**, oz **25c**, 2 oz **40c**, ¼ lb **75c**

Virginia Seed Leaf—Pkt **5c**, oz **30c**, 2 oz **60c**, ¼ lb **$1.00**, lb **$3.50**.

Havana—(Vuelta de Abaja)—Cuban grown. Pkt **5c**, oz **40c**.

Zimmers' Spanish — One of the most popular, very early, finest quality. Pkt **5c**, oz **40c**, 2 oz **75c**, ¼ lb **$1.25**.

"TOBACCO CULTURE"—Full practical details from the propagation of the seed to the harvesting curing and marketing of the crop, by fourteen experienced tobacco growers. Price 25c postpaid.

"TOBACCO LEAF"—By Myrick & Killbrew, $2.00.

Tobacco Plant

"Tomato Growing for Profit" written by S. H. Mitchell, a practical grower. Published by J. A. Simmers. Price **25c**.

TABLE TURNIPS

German—Weize Ruben. French—Navet.
(One ounce will sow 100 feet of drill. Two pounds will sow an acre).

For Field Turnips see "Farm Seeds," pages 32 and 33.

Golden Ball Turnip

CULTURE—For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing should always be done just before the rain if possible, as the success of the crop in a great measure depends upon quick germination and a rapid and free growth at first.

SIMMERS' EARLY MELTING SWEDE — An excellent distinct variety, peculiarly suitable for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all market gardeners and private gardeners to be the finest grained, best keeping table Swede turnip in cultivation. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **50c**.

Extra Early Purple Top Milan—A strap-leaved variety, a week earlier than the ordinary early sorts. It retains its good qualities, and remains a long time fit for use. The bulbs are white with a purple top, round, flattened and solid with a very slender tap root; flesh pure white, sweet and crisp. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **70c**.

Extra Early White Milan—Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **80c**.

White Stone, or Early Snowball—An early garden variety, clear white, medium size, delicate flavor, and quick growth. Pkt **5c**, oz **10c**, ¼ lb **15c**, lb **40c**.

Red Top, Strap-Leaved Turnip

American Breadstone (Swede)—Of medium size, very quick growing and quite smooth. White, with faint colored top, the flesh is perfectly white, fine grained, and cooks in fifteen minutes, tender and sweet. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **60c**.

White Flat Dutch — An excellent variety, the best for spring sowing. Pkt **5c**, oz **10c**, ¼ lb **20c**, lb **50c**.

Early Golden Ball or Orange Jelly—A rapid grower, excellent flavor, globe shape. Pkt **5c**, oz **10c**. ¼ lb **20c**, lb **50c**.

Red Top, Strap-Leaved—Fine grained and of buttery flavor, the best for market gardens. Pkt **5c**, oz **10c**, ¼ lb **15c**, lb **40c**.

Early White Egg—An egg-shaped variety for spring or fall sowing, flesh white, firm fine grained, mild and sweet. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **60c**.

White Nimble Dick—One of the best for market and general use fine flavor and very early. Pkt **5c**, oz **10c**, ¼ lb **20c**, lb **50c**.

Extra Early Purple Top Milan Turnip

HERB SEEDS

(Sweet, Pot and Medicinal)

Anise—Pkt **5c**, oz **20c**, ¼ lb **40c**.
Balm—Pkt **5c**, oz **25c**, ¼ lb **75c**.
Basil Sweet—Pkt **5c**, oz **25c**, ¼ lb **75c**.
Borage—Pkt **5c**, oz **25c**, ¼ lb **75c**.
Caraway—Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, lb **75c**.
Catnip or Catmint—Pkt **5c**, oz **50c**
Coriander—Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**.
Dill—Pkt **5c**, oz **15c**, ¼ lb **35c**, lb **$1**.
Fennel Sweet—Pkt **5c**, oz **15c**, ¼ lb **50c**.
Horehound—Pkt **5c**, oz **20c**, ¼ lb **75c**.
Hop Seed—Pkt **5c**.
Hyssop—Perennial, 2 feet high. Pkt **5c**, oz **25c**, ¼ lb **75c**.
Lavender—An aromatic, medical herb. Pkt **5c**, oz **15c**, ¼ lb **50c**.
Lemon or Winter Thyme—Perennial, 6 inches. Pkt **10c**, oz **$1**.
Lovage—Perennial, 5 feet. Pkt. **5c**, oz **20c**, ¼ lb **75c**.
Mint—Perennial, 4 foot high. Pkt **10c**, ½ oz **$3**.
Marjoram Sweet—Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **35c**, lb **$1.25**.
Peppermint—Pkt **10c**.
Pennyroyal—Pkt **10c**.
Rosemary—Pkt **5c**, oz **35c**, ¼ lb **$1.25**.
Rue—Pkt **5c**, oz **20c**, ¼ lb **60c**.
Rampion—Perennial, 6 inch. Pkt **5c**, oz **30c**.
Sage—Pkt **5c**, oz **15c**, 2 oz **25c**, ¼lb **35c**, lb **$1.25**.
Sage, Broad-Leaved—Perennial, 1 foot. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50**.
Sorrell—Perennial, 6 inches. Pkt **5c**.
Summer Savory—Pkt **5c**, oz **15c**, 2 oz **20c**, ¼ lb **35c**, lb **75c**.
Tansy—For medicinal use Pkt **5c**, oz **35c**.
Tarragon—Pkt **10c**.
Thyme—Pkt **5c**, oz **15c**, 2 oz **30c**, ¼ lb **45c**, lb **$1.80**.
Winter Savory—Pkt **5c**, oz **20c**
Wormwood—Used medicinally, and is beneficial for poultry. Pkt **5c**, oz **25c**.

WILD RICE SEED

DIRECTIONS FOR SOWING—Put the rice in coarse cotton or linen bags, and sink them in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing these seeds except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible.

Wild Rice (Zizania Aquatica)—Lb **25c**, postpaid **30c**, 10 lbs or over **20c**, per lb, carriage extra.

GERMAN CAMOMILE FLOWERS—Oz. **10c**, lb. **$1.00**.

BIRD SEEDS AND REQUISITES. (If by Mail add 16c per pound.)

	Per lb
Canary Seed (3 lbs 25c)	10
Hemp Seed Russian (3 lb 25c)	10
Mixed Bird Seed (3 lbs 25c)	10
Mixed Bird Seed (3 lb pkts)	10
Millet Seed Chinese	5
Sunflower Seed (3 lbs 25c)	10
Parrot Mixture (3 lbs 25c)	10
Cuttlefish Bone (per oz 10c)	50
Rape, Seed German (3 lbs 25c)	10

	Per lb
Iona Seed	20
Fuller's Teazel, oz 10c, ¼ lb 25c, lb	90
Maw or Poppy Seed	20
Lettuce Seed	30
Silver Washed Bird Gravel (3 lbs 10c)	
Mocking Bird Food	30
Peter's Treat Song Restorer, pkt 10c	
Bird Lice Destroyer and Bellows	30
Simmers' Canary Powder, bottle 25c	

Bird Seeds of all kinds, recleaned and free from dust and dirt, always on hand by the 100 lbs at lowest market price, and of the finest quality.

BIRD BOOKS

"American Bird Fancier," a very useful and instructive work on the care of birds, price **50c**.
Cottam's New Illustrated Book on "Cage Birds," **25c**, postpaid.
Brock's Book on Birds, **25c** postpaid.

BIRD CAKE

A delicious treat and Song Restorative Food for Canary Birds. This food is prepared with the greatest care, the most delicate and nutritious preparation ever discovered for the longevity of Pet Birds. Our experience in handling restoratives for song birds enables us to recommend this Tonic in the form of food to prolong the life of birds confined in cages. It gives the songster a strong and clear voice, improves the plumage, and will keep birds, although very old, always in health by producing the desired effect on the digestive organs. Give to young, as well as to old birds.

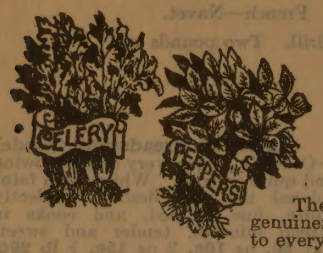
Per cake **5c**, 6 for **25c**, per doz **50c**. If by mail, add at rate of 20c a dozen.

Leaf of Holt's Mammoth Sage

MAMMOTH SAGE PLANTS

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers the space of three feet, the leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage, perfectly hardy it rarely flowers and never runs to seed. Price, each **15c**, 2 for **25c**, 4 for **50c**, postpaid.

Mint Roots—The old fashioned kind. Each **25c**. per plant.



VEGETABLE PLANTS

WELL GROWN, THOROUGHLY HARDENED, WELL PACKED, TRUE TO NAME

By Mail or Express **All Plants Sent at Purchaser's Risk** **Prices are subject to Change**

The fact that these plants are all grown from the choicest stocks of seed is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter.

When plants are to be sent by mail add postage at the rate of Twenty-Five Cents per One Hundred to prices of Cabbage, Celery and Cauliflower, and Forty Cents per One Hundred to prices of Tomatoes.

	per 50	per 100
Cabbage, Early—Ready April 20th to 30th. Early Jersey Wakefield	$30	$0 50
Simmers' German Brunswick	30	50
Henderson's Early Summer	30	50
Cabbage, Late—Ready June 1st		
Simmers' German Brunswick	20	30
Surehead	20	30
Savoy Drumhead	20	30
Red Drumhead	20	30

	per 50	per 100
Cauliflower—Ready April 20th to 30th		
Early Dwarf Erfurt	$0 40	$0 75
Early Snowball	40	75
Cauliflower—Ready May 20th to 30th.		
Early Snowball	30	50
Dwarf Erfurt	30	50
Celery—Ready June 1st.		
White plume	40	75
Paris Golden Yellow	40	75

	per 50	per 10
Celery—Ready June 20th.		
Paris Golden Yellow	$0 40	$0 75
White Plume	40	75
Simmers' Large Ribbed White	40	75
Pepper—Long Red per doz 15c	50	90
Tomato—Ready May 15th to 20th.		
The Stone	50	90
Mikado	50	90
Dwarf Champion	15 50	90
Early Ruby	15 50	90

We will be pleased to make special prices on large quantities.

TREE SEEDS

Deciduous and Evergreen; Ornamental, Shade, Forest, Hedge and Fruit.

"Trees can be as easily grown from seed as the most common vegetable."—Fuller

CULTURE—Sow early in the spring, in well prepared beds, about two inches deep. When the seeds begin to germinate cover the bed lightly with pine boughs to shade the young plants from the sun. When the plants are all up, the brush should be gradually removed, but replaced again before winter sets in. Let the plants remain in the beds for about two years, then transplant into rows two feet apart, having about twelve inches between each plant. Keep the ground clean, and when the plants are strong enough remove them to where they are intended to remain.

Apple Pips—Per oz **10c**, ¼ lb **15c**, lb **50c**.

Arbor Vitæ, American (Thuya Occidentalis)—A small tree about 30 feet high; popular for hedges, screens, etc. Pkt **10c**, oz **40c**, lb **$4.50**.

Barberry (Berberis Vulgaris)—One of the best hedge plants grown. It is very hardy and forms a dense scrub of 4 to 8 feet high, covered with sharp stout prickles. Pkt **5c**, oz **15c**, ¼ lb **30c**, lb **$1**.

Beech (Fagus Ferruginea)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt **10c**, oz **15c**, lb **$1**.

Black Thorn (Prunus Spinosa)—Pkt **5c**, oz **10c**, ¼ lb **30c**, lb **$1**.

Black Walnut (Juglans Nigra)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Lb **10c**, postpaid **15c**, peck **60c**, bush **$2.00**.

Catalpa, Hardy Western (Catalpa Speciosa)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large pann cles late in the spring. In favorable locations it attains a height of 60 feet or more, it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz **15c**, ¼ lb **30c**, lb **$1**.

Honey Locust (Gleditschia)—A well-known tree of ornamental and graceful appearance, extensively used for hedges. Pkt **5c**, oz **10c**, lb **40c**.

Maple Sugar (Acer Saccharinum)—A beautiful as well as a valuable rapid growing tree, preferring a calcareous soil. Pkt **5c**, oz **15c**, lb **$1.25**.

Mountain Ash (Pyrus Americans)—Much cultivated for ornament, for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Pkt **5c**, oz **10c**, ¼ lb **30c**, lb **$1**.

Spruce, Norway (Picea Excelsa)—A very popular hedge evergreen, extensively used for sheltering and for screens. Pkt **5c**, oz **10c**, lb **$1**.

Osage Orange (Maclura Auriantiaca)—A well-known hedge plant, native of the Southern States. Pkt **5c**, oz **10c**, ¼ lb **25c**, lb **80c**.

Pear Seed—Pkt **10c**, oz **20c**, ¼ lb **50c**, lb **$2.00**.

Pine Austrian (Pinus Austriaca)—One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Pkt **5c**, oz **15c**, ¼ lb **40c**, lb **$1.50**.

Pine Scotch (Pinus Sylvestris)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Pkt **5c**, oz **15c**, ¼ lb **40c**, lb **$1.50**.

Pine, Sugar (Pinus Lambertiana)—This magnificent tree grows to the height of 300 feet, and endures the cold of the North-West without injury. Pkt **10c**, oz **50c**, lb **$5**.

Quince (Cydonia Vulgaris)—Small irregular trees, bearing an excellent fruit for preserve and jellies. Pkt **5c**, oz **20c**, ¼ lb **60c**, lb **$2**.

Russian Mulberry—A variety of Mulberry brought by the Mennonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the North-West, will no doubt become a standard for that country. Pkt **5c**, oz **25c**, ¼ lb **75c**, lb **$2.50**.

Collection of Tree Seeds for 25c.

One packet of each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry—7 packets for **25c**, by mail, postpaid.

RELIABLE TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

Seeds	pounds per bushel.
dcast, 48	1½ to 2 bus.
in drills, 60	1½ bus.
hills, 60	10 to 12 qts.
drills	6 lbs.
urzel	5 lbs.
	1 bus.
trans-	
	¼ lb.
	2 to 3 lbs.
	12 to 15 lbs.
	6 to 8 lbs.
	8 to 10 lbs.
Barley, broa	
Beans, dwarf,	
Beans, Pole, in	
Beets, Table, in	
Beets, Mangel-W	
Buckwheat, 48	
Cabbage in beds t plant	
Carrot, in drills	
Clover, red, 60	
Clover, white, 60	
Clover, Alsike, 60	

Seeds	pounds per bushel.
Clover, Lucerne or Alfalfa, 60	12 to 15 lbs.
Corn in hills	10 to 20 lbs.
Corn, for fodder, 56	3 bus.
Cucumber, in hills	2 lbs.
Flax, broadcast, 56	1 to 1½ bus.
Grass, Kentucky Blue, 14	1 to 1½ bus.
Grass, Orchard, 14	1 to 1½ bus.
Grass, English Rye, 24	1 to 1½ bus.
Grass, Red Top, 14	1 to 1½ bus.
Grass, Timothy, 48	12 to 15 lbs.
Grass, Hungarian, 48	½ to ¾ bus.

Seeds	pounds per bushel
Lawn Grass, 15	4 bus.
Melon, Musk, in hills	2 to 3 lbs.
Melon, Water, in hills	2 to 3 lbs.
Millet, 48	1 bus.
Oats, broadcast, 34	2 to 3 bus.
Onions in drills	4 to 5 lbs.
Onion, for sets in drills	50 lbs.
Onion, sets in drills	8 to 12 bus.
Parsnip, in drills	5 to 6 lbs.
Peas, in drills, 60	2 to 3 bus.
Potatoes, cut tubers, 60	8 bus.
Pumpkins in hills	1½ to 2 lbs.

Seeds	pounds per bushel
Radish in drills	8 to 10 lbs.
Rye, broadcast, 56	1 to 1½ bus.
Spinach, in drills	10 to 12 lbs
Squash bush varieties in hills	5 to 6 lbs.
Squash, running varieties in hills	3 to 4 lbs.
Tomato, to transplant	¼ lb.
Turnip, in drills	2 lbs.
Vetches, broadcast, 60	½ bus.
Wheat, in drills, 60	1½ to 1½ bus

QUANTITY OF SEED REQUIRED FOR A SPECIFIED LENGTH OF DRILL

Asparagus	1 oz.—60 ft.
Beet	1 oz.—50 ft.
Beans, Dwarf	1 qt.—100 ft.
Beans, Pole	1 qt.—150 hills
Cabbage	1 oz.—2,000 pla
Cauliflower	1 oz.—2,000 plan
Celery	1 oz.—4,000 plant

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Carrot	1 oz.—150 ft. of drill.
Cucumber	1 oz.—50 hills.
Corn	1 lb.—100 hills.
Leek	1 oz.—100 ft. of drill.
Lettuce	1 oz.—150 ft.
Mellon, Water	1 oz.—30 hills.
Mellon, Musk	1 oz.—50 hills.

Onion	1 oz.—100 ft. of drill
Onion Sets	1 qt.— 40 ft. of drill
Parsley	1 oz.—125 ft. of drill
Parsnip	1 oz.—150 ft. of drill
Peas	1 qt.—100 ft. of drill
Pepper	1 oz.—1,000 plants.
Pumpkin	1 oz.—20 hills.

Radish	1 oz.—100 ft. of drill
Salsify	1 oz.—50 ft. of drill.
Spinach	1 oz.—100 ft. of drill
Squash, Early	1 oz.—50 hills.
Squash, Marrow	1 oz.—20 hills.
Tomato	1 oz.—1,500 plants.
Turnip	1 oz.—150 ft. of drill

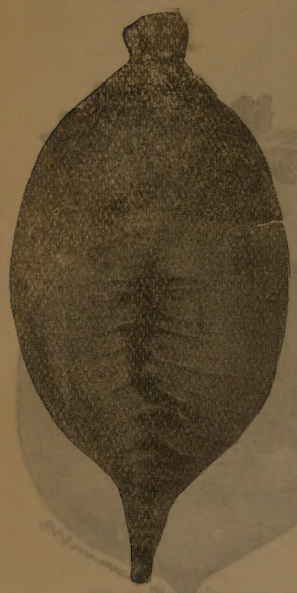
FARM SEEDS

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of seeds. All seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

If wanted by mail add 5c per pound postage to all varieties of **Field Carrot, Sugar Beet, Mangel** and **Turnips.**

We hold a very large and carefully selected stock of Agricultural Seeds of a quality the most reliable and unsurpassed in Canada.

SUGAR BEETS



Simmers' Giant Sugar Mangel

Sow from the middle of April to the first of June, in drills 2 feet apart, then thin out to 9 inches to the row. Six pounds of seed per acre, average yield 20 to 25 tons per acre. For milch cattle they are valuable.

SIMMERS' IMPERIAL GIANT HALF-SUGAR BEET

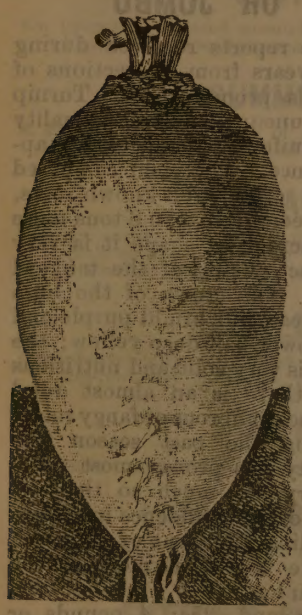
This unites the large size of the Mangel with the greater feeding value of the Sugar Beet. The roots average ten to twelve inches and the outline is that of a broad thick wedge. The upper portion is of a soft bright pink, shading lighter towards the bottom where the lower portion for about one-third is white. The flesh is pure white, firm, crisp and very sweet. Highly recommended as a most excellent and profitable root to grow for stock feeding. Price—¼ lb **10c**, per lb **25c**, 4 lbs and over at **22c** per lb.

SIMMERS' GIANT SUGAR MANGEL

This is very much superior to the ordinary varieties of Mangel. It is sweeter and as a milk producer and flesh former it has no equal. It is very large and smooth, free from prongy roots. The type is intermediate as illustrated. The color is green and white, blending with compact, upright foliage. The flesh is white, firm and crisp and is appreciated by all classes of stock. It is easily cultivated and harvested, as it grows three-fourth above the ground, and may be readily turned out by a push of the foot. Price—¼ lb **10c**, lb **25c**, 4 lb and over, **22c** lb.

DANISH IMPROVED

Roots grow to large size and are of heavy weight. Their thick oval form makes a large bulk of crop. They are rich in sugar and most desirable for stock feeding. Bright green foliage with leaf stalks and skin shaded or flushed with pink. Price—¼ lb **10c**, lb **25c**, 4 lbs **80c**, 10 lbs **$1.90.**



Simmers' Imperial Giant Half-Sugar Beet

IMPROVED IMPERIAL

A most popular sugar beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. ¼ lb **10c**, lb **25c**, 4 lbs or over **20c** per lb.

WANZLEBEN

In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of Sugar. ¼ lb **10c**, lb **25c.**

RED TOP SUGAR

An excellent variety, growing to a large size. ¼ lb **10c**, lb **20c**, 4 lbs or over **15c** per lb.

WHITE SILESIAN

The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of Sugar. ¼ lb **10c**, lb **20c**, 4 lbs or over **15c** per lb.

FIELD CARROTS

SIMMERS' IMPROVED GIANT SHORT WHITE

Is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very HEAVY CROPPER, in fact it is by far the heaviest of any other we have heard of, and on account of its shape and of its smooth skin, it is EASILY HARVESTED. The above is a true description of the carrot we offer as our IMPROVED GIANT SHORT WHITE, and for its own qualities it should be grown by everyone who wants a white field carrot. It is especially suitable for shallow soil. While other varieties require digging, our IMPROVED GIANT SHORT WHITE CAN BE PULLED. Oz **5c**, ¼ lb **15c**, lb **40c.**

Simmers' Improved Giant Short White Carrot

LARGE WHITE BELGIAN

This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from ¼ to ½ of its length above the surface. Oz **5c**, ¼ lb **10c**, lb **30c.**

YELLOW OR ORANGE BELGIAN

This sort is very similar to the White Belgian except in color. Its strong point is its keeping quality—which makes it of special value for late feeding. Oz **5c**, ¼ lb **15c**, lb **50c.**

IMPROVED LONG ORANGE OR SURREY

A well-known standard late variety. Roots long, thickest near the crown, tapering regularly to a point. Handsome and uniform in shape, —color deep orange. It is a good keeper, and of fine quality. Oz **5c**, ¼ lb **15c**, lb **50c.**

SCARLET INTERMEDIATE

On favorable soils it will grow uniform in shape, and clean and free from side roots. Stump-rooted and especially valuable for shallow soils. Oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **60c.**

CHICORY

Chicory seed should be sown in the spring in drills half an inch deep, and in good mellow soil; the after culture is the same as the Carrots. In the autumn the plants will be ready for blanching when it is used as a salad. The principal use of Chicory, is to use with Coffee. One ounce of seed will sow about 100 feet of drill, and from 2 to 3 pounds per acre.

LARGE ROOTED LONG MADGEBURG

Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**, lb **50c**, 4 lbs or over, per lb **45c.**

COMMON SENSE SUGAR BEET HOE

Positively no tool is superior for loosening soil and moving weeds, or for ease, efficiency, and rapidity of work. Leaves the soil level. Works both ways. Specially adapted to plants in their early stages. **Price** each **75c.**

TURNIPS GROWN FROM SELECTED ROOTS

The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the most reliable growers. The SWEDES are sown from May until the middle of July; the ABERDEENS and GLOBES from July to the latter part of August. If sown broadcast from 1 to 2 pounds are required to the acre; if sown in drills, from 2 to 4 pounds are required to the acre.

To the price of Turnip seed, **when wanted by mail add 5c per pound for postage.** Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip Seeds.

Universal Purple-Top Swede Turnip

SIMMERS' DEFIANCE SWEDE TURNIP

This magnificent variety is unquestionably the most profitable of all bronze-top Swede turnips, as well as the hardiest, heaviest, best shaped and by far the most productive, a yield of 1,000 bushels per acre and over, under careful cultivation, being of frequent occurence. Bulbs are somewhat oval in shape, slightly oblong and remain sound and good indefinitely. Flesh is of a beautiful yellow color, always sweet, tender, juicy and nutritious, a variety that should be sown in preference to all others. Per ¼ pound, 10c; 1 pound, 25c; 4 pounds and over, 22c per pound.

Simmers' Defiance Swede Turnip

UNIVERSAL PURPLE-TOP SWEDE TURNIP

One of the Best Purple-Top Swedes for all Soils Resists Drought and Mildew

A magnificent new variety of exceedingly hardy constitution, standing well during severe weather, and keeping sound and good until very late in the spring, when many other varieties have failed. The root is well shown in our illustration, stands high out of the ground, and is of handsome appearance. The yellow flesh is solid, of rich quality, and much appreciated by all classes of stock. Growing but a small top with its uniformed shaped root it will stand somewhat thicker in the rows than most Swedes, when a very heavy weight per acre can be grown.

Price per ¼ pound, 10c; per pound, 25c; 4 pounds or over at 22c per pound.

Kangaroo Swede Turnip

KANGAROO SWEDE TURNIP

A very hardy Swede similar in size and growth to Elephant, color a bronze-green.

This Swede is particularly adapted to soils and districts that are cold and backward.

This splendid hardy Swede possesses the heavy cropping features of the famous Elephant or Monarch, with the grand constitution of the best types of bronze-green top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. It has been largely grown in the lower provinces of Canada, where it has produced the heaviest crops ever known in that section of the country.

Price per ¼ pound, 10c; per pound, 25c; 4 pounds or over at 22c per pound.

Elephant or Monarch (Jumbo) Swede

ELEPHANT, MONARCH, OR JUMBO

The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome in appearance. The yield compared with other well-known roots, has been from 2 to 6 tons more per acre. In shape it is very distinct, being of the tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fangy roots. During the past season this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Monarch Swede to the farmers of the Dominion. Per ¼ pound, 10c; per pound, 25c; 4 pounds or over, 22c per pound.

SELECTED STOCKS OF

WELL KNOWN STANDARD SORTS

Simmers' Champion Purple Top Swede Turnip

SWEDE TURNIPS

To the price of Turnip Seed, **when wanted by mail add 5c per pound for postage.** Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip Seeds.

SIMMERS' CHAMPION PURPLE TOP

This magnificent Swede, the result of judicious selection, is the hardiest, most productive and most nutritious purple top variety in cultivation. It is a large, yellow, slightly oblong, with single tap-root, free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes, it produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always rich and sweet in flavor. Per ¼ lb **10c,** lb **25c,** 4 lbs and over **22c** per lb.

BANGHOLM IMPROVED PURPLE TOP

Large and solid, should be sown on rather heavy loam. Per ¼ lb **10c,** lb **20c,** 4 lbs or over **17c** per lb.

CARTER'S IMPERIAL

	¼ lb.	lb.	4 lbs. or over lb.
On properly prepared ground never failing to produce a heavy crop of well-shaped solid roots	10c	20c	17c

DRUMMOND'S PURPLE TOP

A selected Scotch variety of great excellence, globular in shape, large solid of finest quality	10	20	17

HAZZARD'S GREEN TOP

Distinct variety, the flesh is firm white, its hardy keeping qualities are superior to most sorts, and adapted to either field or garden cultivation	10	25	22

HARTLEY'S BRONZE TOP

Oval-shaped bulbs, large and solid, small neck and single tap-root, rich in quality, productive, and good keeper.	10	25	20

HALL'S WESTBURY

A very fine quality of Swede, good keeper	10	20	17

LAING'S IMPROVED PURPLE TOP

A globe-shaped variety, with small top and tap-root, suitable for sandy ground	10	25	22

SUTTON'S CHAMPION PURPLE TOP

One of the heaviest yielding varieties and a general favorite.	10	20	17

SKIRVING'S IMPROVED PURPLE TOP

	¼ lb.	lb.	4 lbs. or over lb.
Large and solid of strong and quick growth, suitable for clay soil. It is an economical turnip to grow the yield per acre being large	10	20	17

SCOTTISH CHAMPION

Fine large roots, good for heavy soils. Color distinct bronze on top. Provides rich feeding	10	25	20

SHAMROCK PURPLE TOP

Producing on well-prepared ground the heaviest and most uniform crop of well-shaped roots. They are remarkably symmetrical	10	20	17

WHITE GIANT PURPLE TOP

A quite distinct sort of enormous size, preferred by many growers to the yellow varieties	10	25	20

Greystone Turnip

YELLOW AND WHITE TURNIPS

(For Sowing after the Swedes)

Aberdeen Purple Top Yellow	10	25	20
Aberdeen Green Top Yellow—With green tops	10	25	20
White Globe—For sowing after the Aberdeen, late as August	10	25	20
Cow Horn—Long, White, in shape resembling a cow-horn.	10	30	..
Improved Purple Top Mammoth—A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late	10	25	20
Greystone—A white variety, sown as late as the preceeding.	10	25	20

SPECIAL OFFER No. 10

Imperial Giant Half Sugar Beet
Universal Purple Top Swede Turnip
Kangaroo Swede Turnip

One quarter pound each **30c,** one-half pound each **45c** one pound each **85c,** postpaid.

MANGEL WURZEL

IF WANTED BY MAIL ADD FIVE CENTS PER POUND POSTAGE

We have a very fine trade on Mangel Seed, and are careful to see that our stocks keep pace with all the improvements that are being made from year to year. We have our seed grown under contract in England by experts in that line, as there is no place in the world where Mangels and Turnips are produced in such perfection.

SIMMERS' MAMMOTH PRIZE LONG RED

Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed. Color deep red. Roots solid. Tops small. Roots attain a large size, specimens being exhibited which weighed 55 pounds Produce an immense bulk and tonnage. Per ¼ lb **10c**, per lb **20c**, for 4 lbs and over, per lb **15c**.

CHIRK CASTLE STRAIN MAMMOTH LONG RED

The greatest Mangel of the century. This new strain of the Mammoth Long Red Mangel is enormously productive; 1,500 to 1,900 bushels per acre is nothing uncommon on good soil, and many experimental stations and trial tests in the past year have produced considerably more. Single specimens have weighed over 60 pounds each. The flesh is red, of very fine texture and quality containing less water and more sugar than any other mangel, making it more nutritious and milk producing. Sheep and other stock thrive better when fed on it, picking out pieces of it in preference to other kinds. Prominent mangel authorities consider this strain by far the most valuable and profitable of all mangels. Per ¼ lb **10c**, per lb **30c**; 4 lbs and over, per lb **25c**.

"RIVENHALL GIANT," YELLOW GLOBE

This splendid Mangel, which has been raised and carefully selected by our grower, possesses all the fine feeding qualities of our Great Yellow Intermediate, and it is also similar to that well-known variety in color—a rich golden yellow. The bulbs are Globe shaped, large, very handsome appearance. Hardy in constitution and even under ordinary cultivation produces a great weight of roots per acre. It is also a remarkably clean grower and pulls well. Strongly recommended as a heavy cropper of most nutritious quality. Per ¼ lb **10c**, per lb **25c**; 4 lbs and over, per lb **23c**.

CHAMPION YELLOW GLOBE

This is one of the most generally grown of all the different varieties of mangels, and a very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and an orange-yellow color—that portion growing above the surface is fringed with green. The flesh of the root is yellow, firm and sugary. Per ¼ lb **10c**, per lb **20c**; for 4 lbs and over, per lb **15c**.

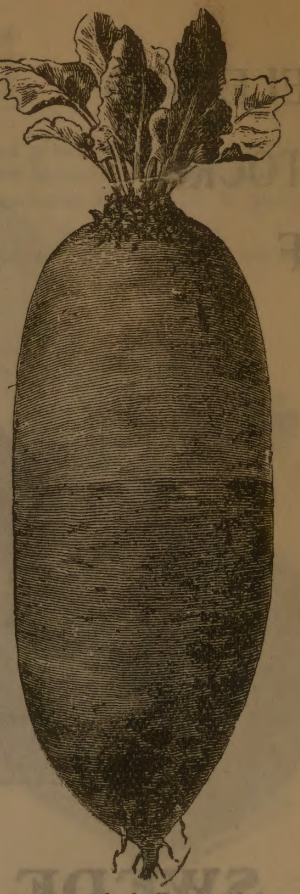
GOLDEN FLESH TANKARD

The special features are the rich, deep yellow color of the flesh and its nutritious and milk producing qualities. In England, where it is considered indispensable, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this mangel, but also that the cows are in much better condition fed on hay and Golden Tankard Mangel alone, than if fed on hay, Yellow Globe Mangel and four pounds of linseed cake per day. Per ¼ lb **10c**, per lb **20c**,; 4 lbs and over, per lb **17c**.

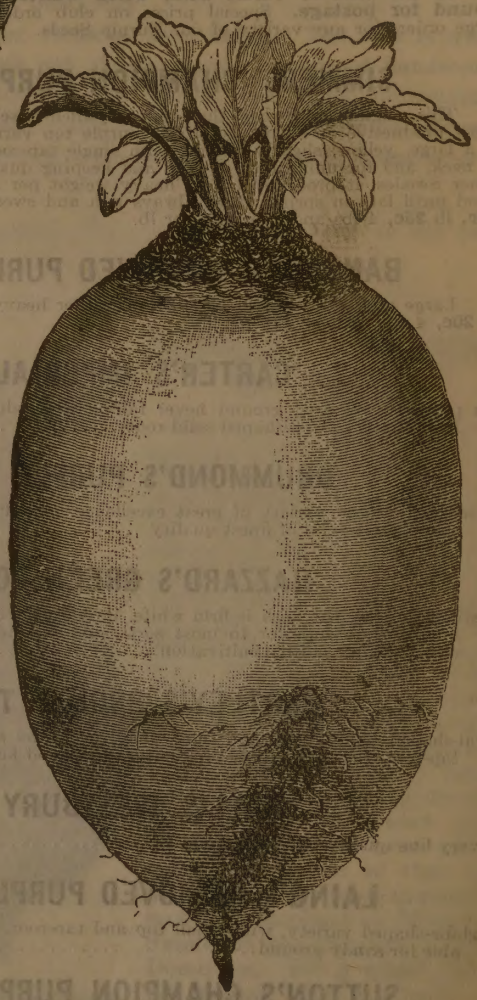
GIANT YELLOW INTERMEDIATE, OR YELLOW LEVIATHAN

This entirely distinct Mangel, first introduced by us, is considerably larger than the Y0llow Globe Mangel, and it is a beautiful russet yellow color As shown in the illustration, it is remarkable even in shape, rather elongated, and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Per ¼ lb **10c**, per lb **20c**; for 4 lbs and over, per lb **15c**.

Mammoth Long Red



Golden Flesh Tankard



Giant Yellow Intermediate or Yellow Leviathan

SPECIAL OFFER No. 20

FIELD ROOTS

Simmers' Improved Giant Short White Carrot.

Simmer's Improved Mammoth Prize Long Red Mangel.

Simmer's Improved Selected Champion Purple-Top Swede Turnip.

1 oz each of above 3 varieties	**15c** postpaid
¼ lb " " "	**35c** "
1 lb Mangel, 1 lb Turnip, ½ lb Carrot, ½ lb Imperial Giant Sugar Beet	**85c**

MAMMOTH RED INTERMEDIATE OR OVAL-SHAPED GIANT

Very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during winter. Per ¼ lb **10c**, per lb **20c**; 4 lbs and over, per lb **15c**.

RED FLESH TANKARD

A very large and heavy cropper, with small top and single tap-root, very solid and nutritious. Per ¼ lb **10c**, per lb **20c**; for 4 lbs and over, per lb **15c**.

LONG YELLOW

Similar in growth to Long Red, and considered by some growers sweeter in flavor and therefore preferred by cattle. Per ¼ lb **10c**, per lb **20c**; for 4 lbs and over, per lb **15c**.

"MANGEL WURZEL AND CARROTS" HOW TO RAISE, HOW TO FEED, HOW TO KEEP, BY J. H. GREGORY, 30c.

When ordering Seed grain do not forget to include the price of Bags.
Cotton bags **25c** each, Linen Bags **10c** each.

White Hulless Barley

BARLEY

"Ideal" White Hulless—It is hulless, beardless, early, weighs over 60 lbs to the measured bushel, it yields well on poor land, yields enormously on good land, makes better pork than corn, makes excellent flour, the straw makes good hay, it is of inestimable value to everyone who feeds stock. Per lb (postpaid) **15c**, 3 lbs (postpaid) **40c**, peck **45c**, bush 48 lbs **$1.60**, 2 bush or over at **$1.50**.

Black Hulless—Per lb (postpaid) **15c**, 3 lbs (postpaid) **40c**, peck **40c**, bush (48 lbs) **$1.50**.

Mandscheuri, Six-Rowed — Ontario Agricultural College report says:—"Among 37 varieties of barley grown for the past five years, Mandscheuri stands at the head of the list for yield." Bush **$1.30**.

Reads Triumph—A six rowed Barley, with long and compact heads. Price, **15c** lb postpaid. Peck **60c** bush **$2.00**.

Canadian Six-Rowed—Per bush **$1.20**.

Duckbill Two-Rowed—Per bush **$1.40**.

BUCKWHEAT

Japanese—1 lb **15c**, 3 lbs **40c** (postpaid), peck **35c**, bush **$1.30**.

Silver Hull—1 lb **15c**, 3 lbs **40c**, (postpaid) peck **35c**, bush **$1.30**.

Common Grey—Per bush **$1.20**.

BEANS

The Prolific Dwarf Tree—White. Per lb **10c**, peck **70c**, bush **$2.80**.

California Pea—Yellow, very productive. Per lb **10c**, peck **80c**, bush **$3.00**.

Postage **5c** per lb. extra.

FLAX SEED

For sowing, **$1.95** per bush of 56 pounds.

Specially screened for medicinal purposes. Per lb **10c**, 5 lbs **30c**, 10 lbs **50c**. Postage **5c** lb extra.

PEAS

Early Brittany—A brownish colored pea of medium size. Straw of fair length and good quality. The heaviest yielding field pea. Price per lb **15c**, 3 lbs **40c**, postpaid; peck **45c**, bush **$1.80**.

Grass Peas—The Grass Pea will effectually resist the bug while for seeding it is claimed to equal the ordinary varieties. Lb **15c**, 3 lbs **40c**, (postpaid) peck **40** bush **$1.60**.

Canadian Beauty Pea

Gipsy (Egyptian Peas) — A great yielding bug proof pea; plant upright, branching, and covered with balloon-like pods; each pod contains at least one pea of large size; lb **15** postpaid; peck **85c**, bush **$3.00**.

Canadian Beauty — A variety of White Marrow which in most sections has given splendid results. The seed is large and of bright color, straw strong. An enormous yielder, and one of the most profitable sorts grown. Per 1 lb **15c**, 3 lb **40c**, postpaid, peck **50c**, bush **$1.80**.

Multiplier — A fine white Pea, which matures a few days earlier than the Golden Vine. It is much more productive than any of our common field varieties. Peck **50c**, bush **$1.70**.

Also the following varieties of Peas:—**Golden Vine, White Marrow-fat, Black-eyed Marrow-fat, Prussian Blue.** Price on application.

We do not pay Freight on Seed Grain.
When Customers do not remit for bags, the value will be deducted.

THOUSAND-HEADED KALE

Profitable to Sheep Raisers—2 acres will feed and fatten 50 sheep

Just the thing for sheep, for cattle, for hogs, for poultry, in fact for any animal that will eat green feed.

Thousand Headed Kale is now being grown in larger quantities than Rape in England. The seed can be sown early in April or any time thereafter until midsummer. The plants grow to a height of 3 to 4 feet, and are so covered with small whorls of leaves that the name Thousand-Headed Kale has been given it. It will yield a larger crop than the Dwarf Essex Rape, as it branches out from the bottom and grows very rapidly. It is greatly relished by hogs, cattle and sheep. The plant is not affected by drought and flourishes in all kinds of soil. In England this seed is being sown broadcast on pastures with grass seeds, using about one pound of seed per acre, though if sown alone it should have about 3 pounds per acre.

½ lb **10c**, lb **30c**, postpaid **35c**, 10 lbs and over **27c** lb, 50 lbs, at **25c** lb. **By express or freight at purchaser's expense. If wanted by mail add 5c per lb to pay postage.**

SPRING RYE

Distinct from the winter rye; grain of finer quality, and more productive; can be successfully grown in any latitude, and is now being largely sown in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as "catch" crop where winter grain has failed. The straw is equally as vaulable as that of the fall or winter rye, standing stiff 7 to 8 feet high; produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels per acre should be sown. Lb **15c**, postpaid; peck **50c**, bush **$1.80**

TARES OR VETCHES

For Spring Sowing—Grown for a forage crop. They can be cheaply raised; fed green, cured or ensilaged. They are sown at the rate of one-half bushel to the acre, with about one-quarter bushel oats to hold them up. Peck **50c**, bush **$1.80**.

CORN WHEAT

Also Called Polish Wheat and Giant Rye

In speaking of it a grower says:—"The grain is a mammoth cereal, possessing the properties of both corn and wheat, making excellent meal, which has superior fattening qualities. The kernels are about three-quarters of an inch in length, with a hard outer bran shell. The straw is of strong and stout growth, and has the power of resisting drouth and rain much better than ordinary wheat. The heads are about six inches in length and the grain sets out in rows. A bushel of corn-wheat weighs sixty pounds, which is the quantity to plant to the acre. Pkt **10c**, lb **25c**, peck **$2.00**.

SPELTZ OR EMMER

Claimed to yield 80 to 100 bushels of richer food than corn, besides giving as much as **4** tons of **good hay per acre.** Speltz is best decsribed as a combination of Wheat, Rye and Barley, and **for fattening** Cattle, Poultry, Horses, Sheep, Pigs, etc., is equal to other grains.

CULTURE—Prepare your land as you would for wheat or oats, and sow at the rate of 75 to 100 lbs to the acre. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of straw hay of excellent quality. Thresh like wheat, only not so closely. The hull and kernel can then be fed or first ground.

PRICE—Lb **15c**, 3 lbs **40c**, by mail (postpaid); per peck **40c**, bush of 40 lbs **$1.40**.

SEED OATS

SHEFFIELD STANDARD

We have secured a splendid stock of this valuable oat and again offer it to our friends. We say again that we have never seen its equal and that it is without doubt, the heaviest cropping and handsomest oat ever introduced.

Price—Lb **20c**, 3 lbs **50c**, postpaid; peck **40c**, bushel **$1.50**, 2 bushel **$2.90**, 5 bushel **$7.00**, bags included, by express or freight at purchasers expens

REID'S DEFIANCE

Their abundant growth of straw blades is nearly double the size of ordinary oats, which attests the vigor and productive capacity of the strain. They have proven late to somewhat early depending on the locality in which grown.

Price—Pound **25c**, 3 pounds **65c**, postpaid; peck **60c**, bush **$2.00.**

MAMMOTH CLUSTER

A SPLENDID WHITE VARIETY

In the **Mammoth Cluster Oat** we introduce to the public a new variety of exceptional merit, and possessing all the good qualities in a marked degree:

First — The grain is very large, plump, and has a thin hull. It tests from 40 to 45 pounds per measured bushel. Unsurpassed for feeding or milling. Heads branching.

Second — The straw is stiff and thick walled—making it free from lodging and is not subject to blight or rust.

Third—and all important —The MAMMOTH CLUSTER is an Enormous Yielder.

In making up this description **the head of oats used measured 11 inches and contained 201 grains.**

Price per pound, **25c**, 3 pounds **65c**, postpaid; peck **75c**, ½ bush **$1.20**, bush **$2.00**, 2½ bush **$4.80**, 5 bush **$9.00.**

"NEW CENTURY"

This variety has yielded double more than ordinary kinds under similar conditions.

Tested side by side with other oats, the "New Century" gives a far greater yield. This can be partially attributed to the fact that in many cases the spikes and breasts will contain three full kernels where other oats give but two.

Price—Lb **15c** 3 lbs **40c**, postpaid; by express or freight—Peck **35c**, bush **$1.20**, 2 bush **$2.40.**

"CANADIAN PRIDE"

The oats are white and have large good kernels. They weigh 40 pounds to the measured bushel. It is a branching variety with very stiff straw of vigorous growth, free from smut and rust.

Price—Lb **15c**, 3 lb **40c**, postpaid; by express or freight—Peck **35c**, bush **$1.20**, 2 bush **$2.40.**

STANDARD VARIETIES

"Tartar King"—A standard and a white side oat. Lb **15c**, 3 lbs **40c**, postpaid; peck **35c**, bush **$1.20**, 2 bush **$2.40.**

The "Newmarket"—Price per lb **15c**, 3 lb **40c**, postpaid; peck **35c**, bush **$1.20**, 2 bush at **$2.40.**

Improved Black Tartarian — Grown from imported seed. Lb **15c**, 3 lbs **40c**, postpaid; peck **35c**, bush **$1.20**, 2 bush at **$2.40.**

Imported Black Tartarian—The stock we offer was grown in East Lothian, Scotland, and is of excellent quality. Per lb **20c**, 3 lbs **50c**, postpaid; peck **60c**, bush **$2.00.**

NOTE—The prices of Oats and Wheat are those current at the time of issue of this Catalogue, January 1st. They are subject to change without notice.

SPRING WHEAT

(Sow from 1¼ to 1¾ bushels per acre.)

WILD GOOSE (Bearded)

C. A. Zavitz, of the Guelph Experimental Farm says:—"Of all the varieties of spring wheat which we have grown, the Wild Goose stands at the head of the list in yield of grain per acre. The wild Goose variety has given the largest average yield per acre of all the varieties for several years in succession, and the Wild Goose, Speculation and Colorado stand highest on the list this year, but the Speculation and the Colorado appear to be the same variety and are not liked very well by some of the millers for flour production, being somewhat soft.

Price, per lb **15c**, 4 lb **50c**, postpaid; peck **40c**, bush **$1.50.**

WHITE RUSSIAN

This variety has been sown for a number of years, and invariably turns out a first-class crop. It has a bald head of good length, good stiff straw, stands up well; full, plump berry, flinty and of good color.

Price per lb **15c**, 4 lbs **50c**, postpaid; peck **40c**, bush **$1.50.**

WINTER WHEAT, FALL RYE

We carry the leading varieties of winter wheats, fall rye in season. Price on application.

PRICES FOR BAGS

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order.

1½ bushels, Jute bags, each **10c.**
2 bushel, Cotton Seamless, each **25c.**

For prices of Clover and Timothy Seeds, Oil Cake, etc., in quantities, write for prices.

STOCK FOOD

Dr. Hess' Stock Food—7 lb bags **65c**, 12 lb bags **$1.00**, 25 lb pails **$2.00.**
Pratt's Animal Regulator—21 oz pkg **25c**, 42 oz box **50c**, 72 oz **75c**, 12 lb pail **$2.00**, 25 lb pail **$3.50.**
Herbageum—4 lb pkg **50c**, 100 lbs **$12.00.**
Twin City Herb Food—4 lb pkg **40c**, 100 lbs **$8.00.**

FEED STUFFS

Cotton Seed Meal	50 lbs	$1 10	100 lbs	$2 00
Flax Seed for feeding	"	1 75	"	3 25
Flax Seed Meal or Linseed Meal	"	1 65	"	3 25
Oil Cake, fine ground	"	1 00	"	1 80
Oil Cake, nutted	"	1 00	"	1 80
Rock Salt	"	0 40	"	0 80

BLATCHFORD'S CALF MEAL

The perfect Milk Substitute for raising Calves 100 lbs of it make 100 gallons of Rich Nutritious Gruel. Calves can be raised on it alone without milk at all after they are a few days old and this can be done with no other milk substitute. Used with Separator Milk or Skim Milk it replaces the Butter Fats in same and makes them as nutritious as new milk. Even when whole milk is used, the feeding of **Blachford's Calf Meal** with the milk builds up much finer, bigger and sturdier Calves in about half the usual time. **25** lbs **$1.10**, 50 lbs **$2.10**, 100 lbs **$4.00.**

BLATCHFORD'S SUGAR AND FLAX

Is one of the finest Natural Foods in the world for Horses, Cattle, Sheep and Hogs. Composed entirely of the three great elements necessary for profitable and healthy feeding, viz., Oil, Sugar and Protein combine in the correct proportions and most digestible form, with the addition of those best, well known and well recognized Horse and Cattle Tonics, Pure Gentian, Fœnugreek, and Anise, that long experience has shown to have such excellent effects upon the appetite, digestion and condition of all domestic animals. Mixed with the ordinary food, **Blatchford's Sugar and Flax Seed** permanently cleanses the system, purifies the blood, increases the appetite, regulates the bowels, improves the coat and keeps the animals in the very pink of condition. 25 lbs **$1.10**; 50 lbs **$2.10**; 100 lbs **$4.00.**

FODDER OR ENSILAGE CORN

These prices are subject to change without notice, and are **net cash. Send for Special Quotations of Seed Grain, Clovers and Grasses.**

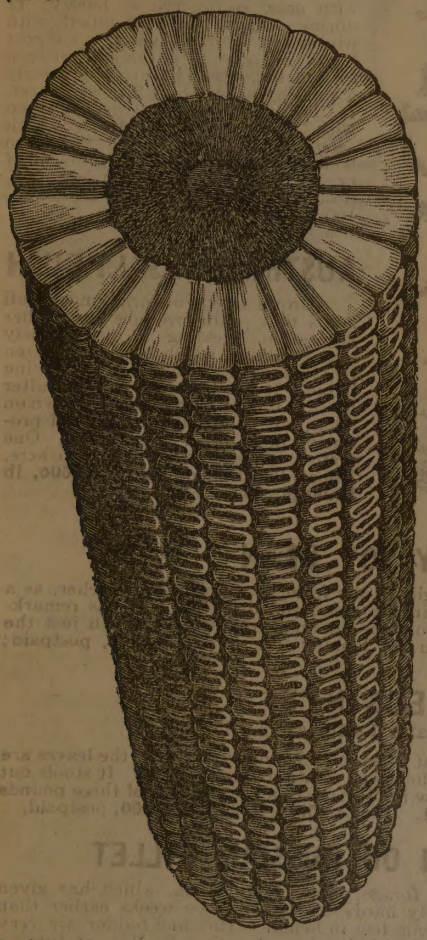
When ordering Corn do not forget to include price of bags. Cotton bags 25c each; Linen bags 10c each.

DENT VARIETIES

SIMMERS' EARLIEST RIPE This corn will ripen in 60 days and furnish magnificent feeding corn just at a time when farmers are short of corn. If you plant this early you will have fine feeding corn by July, when you can replant same and have good Fodder Corn in September. Now there has been for the past few years a great demand, or better, a call, for an extremely early Fodder Corn, and in order to meet this demand, we now offer THE MOST PERFECT EARLIEST, RICH FODDER CORN IN EXISTENCE. This corn will ripen out ears inside of 60 days after planting, and usually from 2 to 3 ears on the stalk. The foliage is about 6 feet high, very leafy and bushy, and contains a tremendous amount of nutritious matter. Lb **15c**, 2 lbs **25c**, postpaid; by express or freight, peck **50c**, bush **$1.60.**

STOWELL'S EVERGREEN ENSILAGE

For Green Fodder—There is nothing better for early fall green feed or for curing for winter than sweet corn. It has the great merit of being so sweet and palatable that cattle eat every part of stalks and leaves, and consequently none is wasted. Lb **15c**, 3 lbs **40c**, postpaid; peck **60c**, bush **$2.25.**



WHITE CAP YELLOW

This corn is the best early for Ensilage yet produced. Large, heavy stalks and ears. This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than any varieties, and on poor, thin soil, will outyield the Leaming by at least 30 per cent. The originator claims it has more testimonials for earliness, easy, shelling, productiveness, beauty, growing-strength-fodder and all round qualities than any other variety. 2 lbs **25c**, postpaid; peck **35c**, bush **$1.30.**

THE EARLY MASTODON

Claimed to produce the longest grains and longest ears of any 100-day corn in cultivation, with most extraordinary, yielding qualities. It grows quick, and strong. 2 lbs **25c**, postpaid; peck **40c**, bush **$1.40.**

WISCONSIN YELLOW

This variety is in every way one of the most desirable. Average weight of ears 9 to 10 ounces, with many rows, there being generally from 18 to 20 and often as high as 21 kernels of a bright yellow color, cob red, 2 lbs **25c**, postpaid; peck **40c**, bush **$1.40.**

WISCONSIN WHITE

Ears average 16 rows, grains extra long and wide, 2 of which will span the cob, which is usually small for the size of the corn, and is generally white. The stalk is short and thick, with ears set low; roots deep, easily withstanding severe storms and droughts. 2 lbs **25c**, postpaid; peck **40c**, bush **$1.40.**

CHESTER COUNTY MAMMOTH

(White). It yields under good cultivation, from one hundred to one hundred and thirty bushels shelled corn per acre. Ears are very large. It furnishes a large amount of fodder growing 12 to 16 feet high. 2 lbs **25c**, postpaid; peck **40c**, bush **$1.40.**

MAMMOTH CUBAN YELLOW The grains are pure yellow and very large, broad and long. The fodder grows on stalks in great quantities and of the finest flavor. As sweet and tender as sugar corn. 2 lbs **25c**, postpaid; peck **40c**, bush **$1.40.**

EARLY BUTLER This is without doubt one of the earliest Dent Corns. It is a cross from Pride of the North, grows good sized ears with long grains and a very small cob, corn of a beautiful golden yellow color. **The Butler is adapted for high latitudes, and will mature further north than any other variety.** It grows strong and very quickly. 2 lbs **25c**, postpaid. By express or freight, peck **40c**, bush **$1.40.**

SIMMERS' PARAGON WHITE ENSILAGE—This superior ensilage corn we can recommend from experience as being the heaviest cropping variety in cultivation, producing 50 to 75 tons per acre. It grows 13 to 14 feet in height. Peck **35c**, bush **$1.20.**

RED COB ENSILAGE—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. Peck **35c**, bush **$1.20.**

MAMMOTH SOUTHERN SWEET ENSILAGE—White—Peck **35c**, bush **$1.20.**

YELLOW HORSE-TOOTH OR GOLDEN BEAUTY—Peck **35c**, bush **$1.20.**

PRIDE OF THE NORTH—(Early Golden Dent Corn)—Very early. The stalks usually grow from 8 to 10 feet in length, and produce from one to three good ears. Peck **35c**, bush **$1.30.**

LEAMING CORN—Yellow—Always two good ears to each stalk. It withstands severe drought by reason of its earliness in maturing, strong and vigorous growth, and its stalky and leafy nature. Per peck **35c**, bush **$1 30.**

FLINT VARIETIES

MAMMOTH 8-ROWED YELLOW—It is entirely distinct, being as described, the Mammoth 8-rowed Yellow Corn, a great improvement on the old yellow Canada Corn, 8 rowed, which is the general corn used by farmers for feeding purposes. The ears, when harvested, are long and well filled with corn which is double the size of the ordinary yellow Canada corn or the Compton Early Yellow. 2 lbs **25c**, postpaid, peck **40c**, bush **$1.40.**

FARMERS' SURPRISE

Undoubtedly the earliest 8-rowed variety yet produced. The ears are long and freely borne on stalks, which are very heavy and leafy. Farmers' Surprise can be grown and ripened in districts where heretofore a corn crop has been uncertain. 2 lbs **25c**, postpaid; peck **40c**, bus **$1.50.**

COMPTON EARLY YELLOW

—The productiveness of the Compton is remarkable with more rows to cob than any other Flint corn. The grains are very small, round and heavy. It is very hardy, and sure to grow and produce a crop 8 to 10 feet. 2 lbs **25c**, postpaid; peck **40c**, bush **$1.40.**

SALZERS' NORTH DAKOTA WHITE FLINT

A grand variety, matures early, yields enormously, produces a larger number of good ears and a smaller number of poor ears than any other varitey. 2 lbs **25c**, postpaid; peck **40c**, bush **$1.40.**

EARLY YELLOW CANADA

The earliest yellow for field or table use, 2 lbs **25c**, postpaid; pk **40c**, bush **$1.40**

ANGEL OF MIDNIGHT

(One hundred day)—An extra early 8-rowed yellow Flint variety. 2 lbs **25c**, postpaid, peck **40c**, bush **$1.40.**

LONGFELLOW

An 8-rowed yellow Flint variety, with ears 20 to 15 inches long, cob small, kernels quite broad. 2 lbs **25c**, postpaid, peck **40c**, bush **$1.40.**

EARLY WHITE FLINT

Very desirable for table use. 2 lbs **25c**, postpaid; peck **40c**, bush **$1.40.**

KING PHILIP

(Reddish Flint)—One of the oldest and best known of the Flint varieties. 2 lbs **25c**, postpaid; peck **40c**, bush **$1.50.**

BROOM CORN, IMPROVED EVERGREEN.

This is the most popular variety of broom corn to grow for the market, the brush being firm and of good length and retaining the light green color when properly cured. Per pkt **5c**, lb **15c**, 3 lbs **40c**, postpaid.

FORAGE PLANTS

Lambs on Rape

SOWING RAPE (1 to 2 lbs. per acre in drills; 4 to 6 pounds broadcast.)

A field Rape coming into use when the pasture is almost barren from continuous feeding and dry weather, is a boon to the farm. For feeding sheep and lambs preparatory for the market, nothing is better; not only does it fatten quickly, but imparts a quality to the flesh superior to almost any other pasture. It has been estimated that one acre of Rape, when not preceded by any other crop the same season, will feed from 35 to 40 lambs for two months, and that the gain in flesh per month was from eight to twelve and one-half pounds on each lamb. Young cattle thrive upon it as well as swine. Rape may be sown either in rows or drills and cultivated or may be sown broadcast. When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding; it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June until end of July, and it has been sown towards the end of August with success. The cultivation of Rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape is always plowed under as a fertilizing crop.

DWARF ESSEX, or large Leaved English—Per lb **10c**, postpaid **15c**, 10 lb lots **90c**, 25 lb lots and upwards **8½c** per lb, 50 lb lots and upwards **$8.00** per 100 lbs.

COW OR SOUTHERN PEAS

(The Great Soil Improver)

From 5 to 9 tons of green fodder per acre have been produced by Cow Peas. To grow for Hay they are most valuable. For ensilage they are unsurpassed. When it is desired to turn the whole crop under as a soil improver it is better to do so after the vines are partly dead. Cow Peas can be sown in May or June, at the rate of 1 to 1½ bushels per acre. Of the several varieties of Cow Peas, the following two are best adapted to our climate.

Clay—Price, lb **20c**, 3 lbs **50c**, postpaid; peck **75c**, bushel **$2.75.**

Whip-Poor-Will—Price, lb 20c, 3 lbs **50c**, postpaid, peck **80c**, bushel **$3.00.**

MAND'S WONDER FORAGE PLANT

(Pencillaria Zeaoides)

An annual plant having long broad foliage, and if allowed to develop fully attaining a height of from 10 to 12 feet and bearing numerous heads from 18 to 20 inches in length, and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It is of rapid growth, throwing out from one plant numerous suckers and if cut as soon as it reaches the height of 2 or 3 feet, it can be mowed from 4 to 6 times, according to the latitude, and yields several tons of dry hay per acre. If allowed to grow 6 or 7 feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now in cultivation. Price, **oz 10c**, ¼ lb **20c**, lb **60c**, postpaid. By express, lb **50c**, 10 lbs **$4.50**

SHALLU

A grower says:—"It is more valuable than Kaffir Corn for grain as it yields considerably more seed, it being of stooling habit, producing all the way from three to six stalks from a single grain, and it is quite a drouth resister. The heads grow similar to Broom Corn, forming large heads of round, plump white seeds. It is an excellent feed for horses and cattle, and for chicken feed it is unexcelled. Can be popped the same as Pop-corn, being more crisp than Pop-corn. When ground it makes an excellent flour for pancakes. It is more of a grain crop than a forage crop. It will produce more seed than any of the cane or sorghum family, and about double the amount of either Red or White Kaffir Corn."

Sow in rows three feet apart, three to five pounds of seed per acre. For fodder, sow half to one bushel, either broadcast or in drills. We think it worth a trial.

Per lb **30c**, 3 lb **75c**, postpaid, 5lb or over at **20c per lb** at purchaser's expense.

KAFFIR CORN

White—Pkt **5c**, lb **15c**, 5 lbs **75c**, postpaid; 20 lbs **$1.20**, 100 lbs **$5.00.**

ENGLISH HORSE BEANS

Recommended by the Dominion Experimental Farm, to be planted with Corn and Sunflower seed for Ensilage purposes. Lb **15c**, postpaid; 10 lbs **60c**, bush **$2.00.** Values fluctuate.

Sand or Winter Vetch

SAND, or WINTER VETCH

(Vicia Villosa)

It produces crops on poor sandy soils as well as on good lands growing to a height of four or five feet. It should be sown in the spring, mixed with oats, spring rye or barley; or during August or September, with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock. Sow 50 to 60 lbs per acre, with one-half bushel of rye, oats or barley. Lb **20c**, 3 lbs **55c**, postpaid; 10 lbs **$1.20**, 25 lbs **$2.50**, 100 lbs **$9.**

AUSTRALIAN SALT BUSH

Grows freely on arid and alkali lands that will produce no other vegetation, yielding a marvellously liberal foliage, which is eagerly eaten by all kinds of stock. It is of creeping habit. It has been proved that after three or four crops have been grown on alkali land, the soil is capable of producing any other vegetation. One pound of seed will plant an acre. Price—Pkt **10c**, oz **20c**, ¼ lb **60c**, lb **$2.00** postpaid.

EARLY SOY BEAN

The Soy bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. It has remarkable qualities for it will draw from the air and returns to the earth just the nourishment and properties you are looking for. Price—lb **20c**, postpaid; 10 lbs **$1.00.**

TEOSINTE

(Reana Luxurians)

In appearance, it somewhat resembles Indian Corn, but the leaves are much larger and broader, and the stock contains sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills four feet apart. Per oz **10c**, ¼ lb **30c**, lb **$1.00**, postpaid.

NEW SIBERIAN OR RUSSIAN MILLET

A wonderfully productive forage plant from Russia, which has given excellent results. It is extremely hardy and about two weeks earlier than German Millet, growing about four feet in height. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in May or June, ½ bushel to 1 bushel per acre. Lb **15c**, 3 lbs **40c**, postpaid; peck **60c**, bush **$2.00.**

MAMMOTH RUSSIAN SUNFLOWER

An excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. Four quarts seed will plant an acre. Large pkt **5c**, lb **10c**, postpaid **15c.** By express—10 lbs **80c.**

EARLY AMBER SUGAR CANE

The earliest and most productive variety. Height 10 to 12 feet. Its saccharine matter is of first quality, fine and rich. Sow 4 quarts in drills and 8 quarts broadcast to the acre. Pkt **5c**, lb **15c**, 5 lbs **60c**, postpaid; 10 lbs **60c.**

GRASSES

NOTE—FOR GENERAL SEEDING sow one third Clover and two-thirds Timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.

A GOOD REFERENCE BOOK—"Handbook on the Grasses of North America," Beale. Price, Vol. 1, $2.75; Vol. 2, 5.50.

The greatest care is exercised in the selection of our Grass and Clover Seeds.

Choice samples are the cheapest, sow further and are the most satisfactory in the end.

Where prices are not quoted, they will be furnished with samples on application.

When wanted by mail add **5 cents** per pound to the following prices.

Awnless Brome Grass

AWNLESS, or HUNGARIAN BROME (Bromus Inermis). **The Great Forage Grass of North-West Territories** and **B.C.**—It can be raised on almost all kinds of soil and in any climate. It gives a luxuriant crop particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or in the dry state, so that it can be used as mown or saved for winter use. Lb **20c,** 10 lbs **$1.80,** 100 lbs **$16.00.**

CANADIAN BLUE (Poa compressa). **Hardiest Grass in Cultivation**—It is an excellent grass for dry, sandy thin soils and banks, and for covering the surface of rocky soils, and upon all soils that are affected seriously by long-continued droughts. Lb **15c,** 10 lbs **$1.40,** 100 lbs **$10.00.**

Creeping Bent (Agrostis stolonifera) —A variety similar to the Red Top Grass, somewhat slower in growth. Lb **30c,** 10 lbs **$2.75,** 100 lbs **$25.00.**

Crested Dog's Tail or Comb (Cynosurus cristatus)—Well suited for lawns from its readiness to take root and its dense compact habits. Lb **50c,** 10 lbs **$4.50.**

Hard Fescue (Festuca duriuscula)—Thrives in a great variety of soils, and resists the effects of drought well; from its fineness of foliage it is well adapted for lawns or sheep pastures. Lb **20c,** 10 lbs **$1.90.** 100 lbs **$18.00.**

Honey or Meadow Soft (Holcus lanatus)—It grows 3 feet in height, and is suitable for all soils. While no variety suits better for lawns, it is of no use for cattle, as they will scarcely touch it. Lb **20c,** 10 lbs **$1.75,** 100 lbs **$15.00.**

Italian Rye (Lolium Italicum) — A biennial variety of rapid growth, succeeding well in all kinds of soil; well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green feed. Lb **12c,** 10 lbs **$1.00,** 100 lbs **$9.00.**

Kentucky Blue or Smooth-Stalked Meadow (Poa pratensis)—It sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best. Lb **25c,** 10 lbs **$2.25,** 100 lbs **$20.00.**

Meadow Fescue (Festuca pratensis)—A highly valuable species for permanent grass lands; it does not, however, attain to its full productive power until the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs to the acre. Lb **40c,** 10 lbs **$3.75,** 100 lbs **$35.**

Meadow Foxtail (Alopecuris pratensis)—One of the best grasses for permanent pastures, being early and rapid in growth; does best in rich, moist soil. Lb **40c,** 10 lbs **$3.75,** 100 lbs **$35.00.**

Orchard (Dactylis glomerata) — Though a rather coarse grass, yet this variety is of such early and rapid growth, that it is valuable as a pasture grass on light soils. It should be used as a green feed exclusively, because when old and dry, or made into hay, neither horses nor cattle are fond of it. Lb **25c,** 10 lbs **$2.25,** 100 lbs **$20.00.**

We will send one large package of each of the above 25 varieties of Grass Seeds, correctly named, for **$1.50**, postpaid; or any 17 varieties for **$1.00,** postpaid, or any 8 varieties for **50c,** postpaid.

Orchard Grass

Perennial or English Rye (Lolium perenne)—One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing three or more years' pasture. Lb **12c,** 10 lbs **$1.00,** 100 lbs **$9.00.**

Red Meadow Fescue (Festuca rubra)—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over 1 foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Lb **40c,** 10 lbs **$3.75,** 100 lbs **$35.00.**

Red Top, Fancy, Perennial, (Agrostis vulgaris)—A hardy, permanent grass of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Lb **25c,** 10 lbs **$2.40,** 100 lbs **$23.00.**

Sheep's Fescue (Festuca ovina)—A dwarf variety not over 6 inches in height, it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellen grass for lawns, requiring little mowing. Lb **22c,** 10 lbs **$2.10,** 100 lbs **$20.00.**

Sweet Vernal (Anthoxanthum odoratum)—For a mixture with pasture grasses it is valuable on account of its vernal growth, for meadows, its chief merit is the fragrant odor, which the leaves emit when dry, thus sweetening hay; it is a vegetable condiment rather than a nutritious grass. Sow 25 lbs to the acre. Lb **80c,** 10 lbs **$7.50.**

Red Top Grass

Tall Fescue (Festuca elatior) —Of strong growth, very productive, good both as hay and green food; also for permanent pasture for moist and strong soils. Lb **40c,** 10 lbs **$3.75,** 100 lbs **$35.00.**

Tall Meadow Oat (Avena elatior)—A bulky, tall productive grass, much relished by cattle. Well adapted for soiling. Lb **30c,** 10 lbs **$2.75,** 100 lbs **$25.**

TIMOTHY Pleum pratense)—Market price variable. Lb **15c,** 10 lbs **$1.25.**

Water Meadow (Poa aquatica)—In flooded situations it grows luxuriantly and forms a rich pasturage in summer. Lb **40c,** 10 lbs **$3.50.**

Wood Meadow (Poa nemoralis.) — Well adapted for woody lands; two feet high, forming valuale pasture. Lb **60c,** 10 lbs **$5.50.**

Yellow Oat (Avena flavescens)—Hardy and early, valuable for dry meadows, pastures or lawns. Lb **80c,** 10 lb **$7.50.**

MILLET AND HUNGARIAN

COMMON MILLET (Panicum Milliacium)—There are many varieties of Millet, but none used so extensively as the common variety. Lb **5c,** 10 lbs **40c,** bush **$1.50.**

GERMAN MILLET. The true German Millet will grow in any climate or soil, and gives an enormous yield of most nutritious feed, and that without impoverishing the soil to any great extent. To get these results, it must be sown at the rate of one bushel per acre any time between May 1st and July 15th. The crop should be cut while it is in bloom. Managed in this way German Millet will prove a most satisfactory and profitable forage and summer hay crop, much relished by all kinds of stock. Lb **5c,** 10 lbs **40c,** bush of 48 lbs **$1.65.**

Hungarian Grass (Sectaria Italica)—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, will yield an abundant crop, and when cut before seeding, produces hay much relished by all kinds of cattle. Market prices variable. Lb **5c,** 10 lbs **40c,** bush **$1.50.**

NOTE—When wanted by Mail add 5c per lb

LAWN GRASS

THE MOST BEAUTIFUL LAWNS IN CANADA are made with **"Simmers' Toronto Parks" Lawn Grass Seed** which we sell in large or small quantities to suit the pretentious lawn or the modest door-yard plot. With it you can renovate old or make new lawns **and Grass Plots** as soft as velvet and as green as emerald all summer long.

TORONTO PARKS MIXTURE—Finest Quality (with or without White Clover)—Per lb **25c,** postpaid **30c.** By express or freigdt, 5 lbs **$1.15,** 10 lbs **$2.20,** 25 lbs **$5.25,** 50 lbs **$10.00,** 100 lbs **$20.00.** For further mixtures see inside of front cover.

CAHOON BROADCAST SEED SOWER

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four or six acres an hour. It will scatter the following distances, Wheat, Barley, Rye, 52 feet; Clover and Timothy 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight 5½ pounds.

Price, each $4.

CLOVERS AND TIMOTHY

CLOVERS (See Description of brands at foot of page)

When Clover Seeds are to be sent by mail, **5 cents per pound** must be added to the following prices. We will supply 20 lbs or over at the 100 lb rate, and 5 lbs or over at the 10 lb rate; for smaller quantities the lb price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, **and are subject to Market changes.**

	Per lb.	10 lbs	100 lb.
Alsike, Monarch	25c	$2 25	
Alsike, Royal Brand	22	2 00	
Bokhara	25	2 40	
Crimson or Scarlet	15	1 40	
Lucerne or Alfalfa	25	2 20	
Mammoth Red Clover, "Monarch Brand"	22	2 00	
Mammoth Red Clover, "Royal Brand"	20	1 80	
Red Clover, "Monarch Brand"	22	2 00	$18 00
Red Clover, "Royal Brand"	20	1 80	17 00
Sainfoin, Double Cutting	15	1 30	
Trefoil, Yellow	15	1 30	
White Clover, "Monarch Brand"	30	2 80	
White Clover, "Royal Brand"	25	2 30	

When wanted by Mail add 5c to the lb for Postage

Lowest Market Prices on application

ALSIKE (Trifolium Hybridum) **Best Recleaned**—It is a perennial, therefore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil, through extreme drouth, or excessive rains. Sow six lbs per acre in spring.

SAINFOIN or ESPARSETTE (Hedysarum biflora) Double cutting—An excellent perennial Fodder Plant, growing to the height of about three feet. It is naturally adapted for light chalky soils, being an enriching, heat resisting clover, and may be sown either broadcast or drilled. It will require broadcast about 25 lbs per acre; if drilled 15 to 20 lbs.

Crimson Clover

Common Red (Trifolium pratense) **best recleaned**—Will succeed in any soil of moderate fertility.

Mammoth Red or Late (Trifolium pratense perenne)—Of great value if sown upon exhausted land; grows from 5 to 6 feet, and highly recommended for ploughing under for manure.

Crimson or Carnation (Trifolium Incarnatum)—Should be sown in the early summer, and will then make excellent pasture in the fall, the open winter and the spring.

White Dutch, for Lawns (Trifolium Repens)—Most valuable in mixture for permanent pastures, forming with natural grasses the finest and most nutritious food for cattle and sheep.

CLOVERS (Continued)

Alfalfa or Lucerne Clover

Yellow Trefoil or Hop (Medicago Lupulus)—A prolific and hardy variety, is excellent for dry pastures; should not be sown alone.

Bokhara (Melliotus vulgaris)—For bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season and yields three tons upwards of hay per acre. Sow in spring.

Lucerne or Alfalfa—A perennial and when once properly seeded in suitable soil produces fine crops for several years. It has a remarkably strong growth, and its cultivation is simple, requiring no more care and attention than a crop of ordinary red clover. The ground should be thoroughly mellowed by clean and careful tillage, the seed sown with any grain crop in the spring, or as a separate crop, at the rate of 10 or 12 pounds per acre, and the second year it will become thoroughly establi hed.

TIMOTHY (*Phleum Pratense*)

The most important agricultural grass, thriving best on rich soils, not suited to permanent pasture, but the best grass known here for hay. Sow 12 to 16 lbs per acre when used alone, when sown with Clover 6 to 10 lbs per acre.

"Monarch" Brand (equal to Government standard, No. 1, lb **10c,** 10 lbs **90c,** 100 lbs **$8.00.**

"Royal" Brand, lb **9c,** 10 lbs **85c,** 100 lbs **$7.00.**

GRASS MIXTURES

Mixtures for Permanent Pasture.

This consists of the following varieties:—

Orchard Grass,	Rhode Island or	English Rye Grass,
Meadow Foxtail,	Creeping Bent,	Italian Rye Grass Red
Sheep's Fescue,	Hard Fescue,	Top,
Meadow Fescue,	(true perennial)	Blue Grass, etc.

As recommended in the well-known and standard work entitled **"How the Farm Pays,"** (by Henderson) blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil two or three bushels of this mixture is sufficient to seed an acre.

Permanent Pasture for Light Soils
Permanent Pasture for Medium Soils
Permanent Pasture for Heavy Soils
SIMMERS' Grass Mixture for Orchards and Shady Places
SIMMERS' Special Grass Mixture for Hay only
} **$3.00 per bushel of 14 lbs.**

To these Mixtures, intended for either Mowing Lands or Pasture (but which on account of its greater weight should be sown separately) should be added 10 lbs of Mixed Clover, comprising White, Mammoth Red, or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the spring.

10 lbs. of Mixed Clover to sow One Acre, $2.50

Ontario Agricultural College (Guelph) Formula of GRASSES and Clovers for permanent pastures.

6 lbs Meadow Fescue,	3 lbs Orchard Grass,	1 lb White Dutch Clover,
3 lbs Timothy,	3 lbs Red Top Grass,	1 lb Alsike Clover,
2 lbs Canadian Blue Grass,	4 lbs Lucerne Clover	2 lbs Red Clover.

Total 17 lbs Grasses and 8 lbs Clovers, being the quantities required for an acre. **$5.25** for 25 lbs; lb 25c, postpaid **30c.** If larger quantities are wanted please write for prices.

Mixtures for Temporary Pastures.

Consisting of :—

Tall Meadow Oat Grass,	Meadow Foxtail,	Red Clover,
Orchard Grass,	Hard Fescue,	White Clover,
English Rye Grass,	Sheep's Fescue, and	Alsike, Trefoil and
Italian Rye Grass,	Meadow Fescue,	Timothy

Blended in their proper proportions for the time specified **Incomparably superior to the ordinary Timothy and Clover Mixture.**

For One Year—1 bushel Mixed Grasses, **$2.50.** 10 lbs Mixed Clovers **$2.50.** Total cost per acre, **$5.00.**

For Two Years—2 bushels Mixed Grasses, **$5.00.** 10 lbs Mixed Clovers, **$2.50.** Total cost per acre, **$7.50.**

For Three or Four Years—3 bushels Mixed Grasses, **$7.50.** 10 lbs, mixed Clovers, **$2.50.** Total cost per acre, **$10.00.**

Cyclone Broadcast Hand Seed Sower

Will sow Clover, Timothy, Flax, Wheat, Oats and Millet perfectly and even and any desired amount per acre. Full instructions and directions on every machine. Price, **$1.75,** or post paid, **$2.50.**

Please allow for bags when remitting. Cotton bags **25c** each; linen bags **10c** each.

OUR BRANDS

The Seed Control Act, which came into force September 1st, 1905, requires that all Clovers and Timothy sold to the consumer shall be of a certain standard of quality.

Under the **SEED CONTROL ACT** it is unlawful for merchants to sell Clovers and Timothy to the consumer if they are below the standards fixed by the Government and they are liable for so doing.

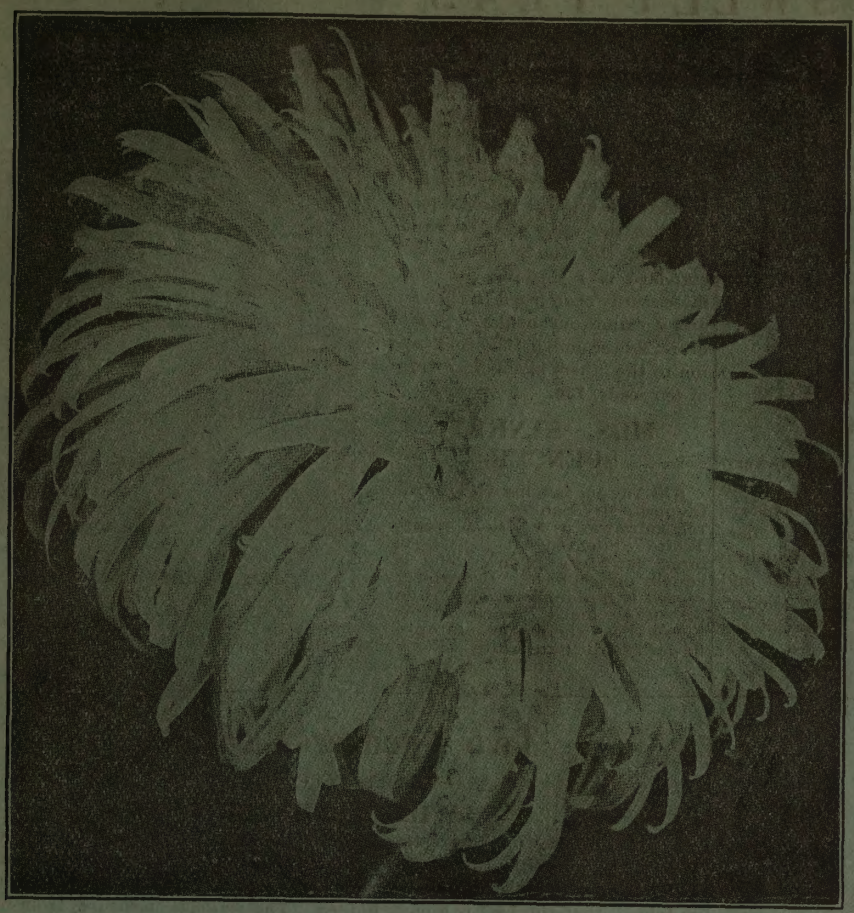
We exercise the greatest care to secure the finest seed obtainable and with our modern cleaning machinery, we are able to supply samples which conform to the law and which we feel confident will satisfy the most critical buyer.

We offer our Clovers and Timothy in two grades, **MONARCH** brand and **ROYAL** brand.

MONARCH brand, which is equivalent to **Government Standard No. 1,** in accordance with the Seed Control Act, free from all those weed seeds considered objectionable in the Act, and does not contain more than one per cent. of harmless weed seeds.

ROYAL brand does not contain more than five seeds to the thousand of those weed seeds mentioned in the Seed Act.

These brands when sent out by us conform to all the requirements of the Act: and to ensure our customers receiving the Seed the same as we send it out, every bag is sealed with a **lead seal.**



Vick's Mikado Pink Aster

Vick's Mikado Pink Aster

863 In type Vick's Mikado Pink belongs to the Comet class. The petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the centre they bend and curl across each other in such magnificent disorder as to make the fluffiest Aster we have ever seen. In color it is a most exquisite shade of shell pink imaginable—and as a mid-season variety it has no rival. While it belongs strictly to the Comet class, the strong growing, freely branching, long stemmed plants quite resemble the Branching sorts. It is quite common to find plants with a dozen long, strong, graceful stems, each crowned with flowers from 4½ to 6 inches in diameter. It is difficult to find words to adquately convey to our customers the extreme beauty of this aster. It is a variety which we predict will soon be popular. Pkt. **25c.**

Double Primula Obconica

Double Primula Obconica

865 This is one of the most useful flowering plants. If sown early in Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac, pink, rose, lavender or crimson and very charming. It is one of the most useful Primula for pot culture, and also succeeds well in the open border during the summer months. Its double flowers are borne on stiff stems well above the foliage, and they also show a marked improvement in color. Pkt **25c.**

Begonia Gracilis Luminosa

Begonia Gracilis Luminosa

864 This Begonia, of French origin, is undoubtedly a novelty of the very first rank. Of similar habit to B. gracilis, it differs from it by the lustrous reddish brown color of the foliage, while the flowers, measuring one to one and a half inches across, are of a fiery dark scarlet. Being extremely floriferous this excellent new variety produces in the mass a splendid effect. No better sort for groups and bedding has yet been seen, and it is decidedly superior to all existing dark-foliaged semperflorens Begonias. Pkt **25c.**

New Orange Daisy (Dimorphotheca Aurantiaca)

New Orange Daisy

(Dimorphotheca Aurantiaca)

866 A new annual—especially of such merit—is always welcomed. The New Orange Daisy is of very neat habit and grows about 12 to 15 inches high. The flowers, somewhat like a Marguerite, are about 2½ in diameter, and are of a unique rich orange-gold, which brilliant colouring is rendered the more conspicuous by the dark-coloured disc surrounded by a black zone. This annual is particularly well adapted for groups and borders. The flowers are produced soon after planting in the open. In sunny positions it will flower all summer. The deep rich orange color of this extremely floriferous annual shows up brilliantly on a bright day. We thoroughly recommend it and feel sure it has come to stay. **Pkt 25c.**

NEW SWEET PEAS

Four New Spencer Varieties

TENNANT SPENCER

Tennant Spencer

867 This also is an acquisition to this class of Sweet Pea—The colour is a very distinct and pleasing purplish mauve.—It is a true Spencer having the characteristic waves which makes the type so much in demand.—The flowers are large and beautiful. Per packet of ten seeds, **15c.**

MRS. ROUTZAHN SPENCER

868 This is of our experts very best selection.—The field name was "Apricot and Straw. This expression rather correctly describes the colors. The blending shades are soft, rose and buff and primrose with a decided rose edge. It is very large and of the most perfect Spencer form. Pkt of ten seeds **15c.**

FLORA NORTON SPENCER

869 This is a bright blue with a little tint of purple.—It is much larger than the original Flora Norton and has the wavy standard and wings of the true Spencer. The standard is rather heavier and more sturdy than usual in Spencer and it stands out bolder.—It is a grand flower and fitting companion to the others in this set. Pkt of ten seeds, **15c.**

Mrs. Sankey Spencer

MRS. SANKEY SPENCER

870 Any one familiar with the old favourite Mrs. Sankey, will at once rocognize this as a "Black Seeded White" Spencer. It is fully as large as White Spencer and of equally perfect form. Being black seeded it germinates easily. Like all other black seeded White Sweet Peas there is a faint tint of pink in the bud, but the fully expanded flower is clear pure white. Per Packet of ten seeds, **15c.**

White Spencer

Two Spencer Varieties

(LAST YEAR'S INTRODUCTION)

WHITE SPENCER

871 Produces in the greatest profusion flowers of enormous size that are absolutely pure white. It is white-seeded and comes true to the Countess Spencer type. The standard is decidedly waved, crinkled and fluted; the wings are so folded, that the keel is almost hidden. The standard measures from one and hree-quarters to two inches across by one and three-eighths to one and five-eighths in depth. The wings are fully an inch wide and nearly as deep as the standard. The flowers are borne three and four to the stem and are uniformly well placed. The stems are extra strong and measure from twelve to fifteen inches in length.

The vines are most vigorous in growth, with heavy foliage, and attain a height of from ten to twelve feet. They are nearly covered with bloom, while the flowers retain their enormous size throughout the season. Of fine substance the magnificent flowers are unsurpassed for cutting and for keeping after being cut. **Pkt, 10c, oz, 30c.**

PRIMROSE SPENCER

872 This is a fitting companion to White Spencer. The vine is equally as thrifty and free flowering and attains a height of from 8 to 9 feet. The flowers are well placed in strong thick stems 10 to 12 inches long and are borne never less than three flowers and sometimes four flowers, to the stem. The standard measures one and three quarter to nearly (if not quite) two inches across by one and one-quarter inches deep; the wings are an inch across by one and one-eighth inches deep. The texture is fully as substantial as in White Spencer.

The color is a pronounced primrose or creamy yellow throughout both standard and wings. The standard and wings are thoroughly crinkled or "waived." Primrose Spencer will hold its own with any of the so-called "Yellow" Sweet Peas in color while it surpasses all others of this color in size of flower, length of stem and vigor of growth. Per pkt, **10c,** oz, **40c.**

Four English Varieties

NORA UNWIN

873 This charming variety especially takes its place easily in the front rank of pure whites, far out-distancing "Dorothy Eckford," which was hitherto considered the finest white, being larger, purer and finer form. It has the same bold wavy standard as "Gladys Unwin" and like all the progeny of same, it is true to name and does not sport. Packet, **5c,** oz, **15c,** ¼ lb **50c.**

MRS. ALFRED WATKINS

874 A superb pink of "Gladys Unwin" type, color a pale pink much like the old "Princess Beatrice," which was thought so much of when it was introduced many years ago; but the flowers of "Mrs. Alfred Watkins" are very much larger and have the beautiful bold wavy standard of "Gladys Unwin." It will be found one of the best market varieties for cut bloom.

Packet, **5c,** oz, **15c,** ¼ lb, **50c.**

FRANK DOLBY

875 A lovely pale blue, the same shade as "Lady Grisel Hamilton," but **very much larger,** and being also bred from "Gladys Unwin," it has the same bold wavy standard and large size of its parent. It is to-day the largest and finest pale blue Sweet Pea.

Packet, **-c,** oz, **15c,** ¼ lb, **50c.**

E. J. CASTLE

876 A magnificent addition to the "Gladys Unwin ' class, with the same large flowers and bold wavy standard of its parent. The color is a very rich carmine rose, with salmon shading in the standard, and this, over and above its other merits, has a rich striking effect, especially in artificial light.

Packet, **5c,** oz, **15c,** ¼ lb **50.**

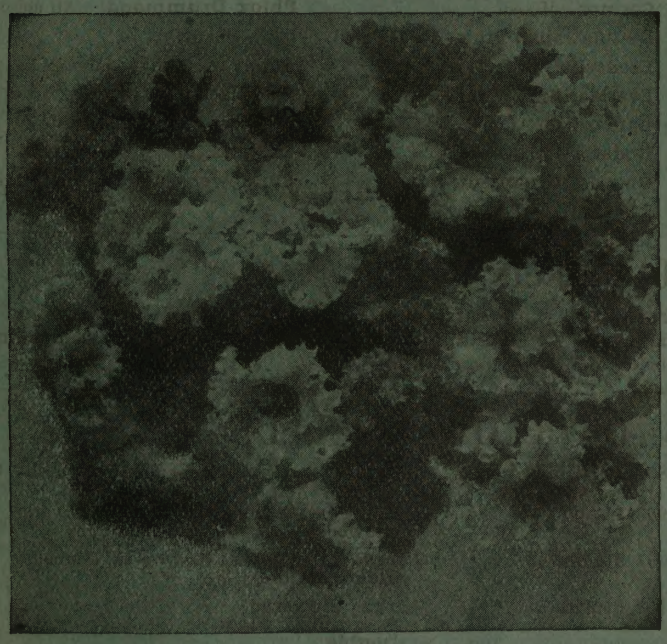
1 Pkt of each (ten) of these lovely Sweet Peas, 90c postpaid.

Petunia Giants of California

Giant Petunias

877 **Century Prize Fringed Ruffled Giant**—This new strain originated with the famous specialist of California, who some years ago sent out the California Giant and Ruffled Giant strains. It differs from the latter in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower. In size and coloring this new s rain is equal to the finest now in commerce, and must be regarded as a decided advance in this important flower. (See cut). Pkt **25c.**

878 **Giants of California, Mixed** (Re-selected)—A California strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the wonderful varieties of colors, markings, veinings, blotchings and stripings. Pkt **15c,** 2 packets **25c.**



"Century Prize" Fringed Ruffled Giant Petunias

Double Stocks "Beauty of Nice"

Double Pink Stocks

"BEAUTY OF NICE"

879 This first rate variety under good cultivation attains a height of 2 to 2½ feet, is clothed in bold foliage and throws up a gigantic main flower-spike of about a foot in length. All around the central stem the plant sends out a number of long side shoots, loosely covered with uncommonly large and very fragrant flowers of nearly two inches across, remarkably alike for their beauty of form and their delightful color. This is a delicate shade of fleshy pink, such as is now in the height of the fashion and just what the grower of cut flowers requires. A further striking feature of this Stock is in the rapidity with which it comes into bloom, so that it may just as readily be employed as an early Ten-week Stock. Pkt **10c.**

Impatiens Holstii

NEW HYBRIDS MIXED

It is seldom that novelty comes so quickly into general favor as the splendid East African Balsam, Impatiens Holstii. With its brilliant vermilion red flowers it is indeed an excellent pot plant and also extremely useful for the open border, groups in a half sunny position producing a striking effect. It may be remarked that it is of very robust growth. The broad petalled blooms are 1¼ to 1½ in. in diameter, i.e., larger than those of the Sultani class besides which they have a much rounder shape and appear to the number of 6 or 8 on each twig. The new colors are quite distinct and also very beautiful; they come almost true from seed.

880 Pkts, **35c.**

Schizanthus Wisetonensis

881 This is an elegant, compact pyramidal form of this wonderfully showy plant. It grows about 16 inches high, with a multitude of large panicles of beautiful blossoms borne well above the charming feathery foliage. The ground color is white, dotted with rose, with a spot on the upper lip varying in color between golden yellow and bright brown. It continues to bloom from six to eight weeks, and is specially suitable as a house pot-plant. Pkt **25c.**

Petunia—"Canary Bird"

(Petunia grandiflora fimbriata aurea)

This is the first yellow flowering Petunia, and combines with this distinctive quality a finely fringed form of flowers and compact habit of growth.

The plant attains a height of about 14 inches and is of compact growth. The flowers are of medium size, with finely fringed and curled borders and of a **distinct yellow color,** which deepens in the throat. To obtain a yellow Petunia has for years been the ardent wish and aim of many a cultivator. We have now realized it.

882 Sealed packets, each **50c.**

Butterfly Runner Bean

883 This variety is equal to the old sorts as regards productiveness and quality of the Beans, but it is quite distinct and far surpasses them in the beauty of its flowers; what chiefly distinguishes the latter is the large size of the prettily waved snowy white wings and the salmon rose of the standard, these two colors making a most agreeable and striking contrast. Pkt **10c,** 3 for **25c.**

GIANT PRIZE PANSY, "VICTORIA

FOUR GIANT PANSIES

GIANT PRIZE PANSY "VICTORIA"

This novelty shows the same bright blood-red or wine red-color which has made the smaller flowering variety so valuable. But in habit of the plant and size of the flowers, the Giant Victoria is similar to those of our other Giant Pansies. The three petals are marked with a large violet blotch on each petal, forming an attractive contrast to the bright blood-red color.

884 Pkts each, **25c.**

GIANT PRIZE PANSY AUREOLA

885 A beautiful mixture, grown from Giant Fancy Pansies, the lower three petals show a light purplish-rose carmine or crimson ground color, each of these three lower petals is marked with a large dark blotch. But the upper two petals of the flowers are of a light, whitish to yellow color. In the upper part of these two petals is a broad carmine red margin, Aureola like arranged. This gives the flower a most attractive and distinct appearance. Pkt **15c.**

GIANT PRIZE PANSY SIEGFRIED

886 Grown from Masterpiece Pansy, this fine strain possesses besides very large flowers and good substance the most brilliant colors. Each petal is marked with a large dark blotch that is margined by a bright red color and this is surrounded by a bright yellow edge. Pkt **25c.**

GIANT PRIZE PANSY MAUVE QUEEN

887 Each of the lower three petals is marked with a large blotch of distinct carmine color with a hue of delicate lilac. This gives the flowers a most distinct appearance. Mauve Queen is the first strain in the Pansies possessing such remarkable blotches of red color. Pkt **15c.**

SPECIAL OFFER—One pkt each of the four Giant Pansies, **70c.**

Large Flowering Morning Glories.

The seeds of the following varieties of Morning Glories should be soaked in warm water for 24 hours before planting.

888 **Brazilian**—The leaves are 8 to 12 inches across.

The flowers, which open in the morning, are 3 or more inches across, and of a beautiful rose color. Pkt 5c.

889 **Yellow**—The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers. Pkt **5c.**

890 **Japanese Imperial Single Fringed**—Their exquisite beauty and size (from 4 to 6 inches across) command admiration. Pkt **5c**, oz **20c.**

891 **"Mikado" Japanese Morning Glories**—The flowers are streaked and mottled in all shades of purple. The leaves are handsome, some rich green, while others are streaked, and marbled with white and silver gray or yellow; the seeds germinate a little slower than of the common Morning Glory. Mixed colours, Pkt **10c**, 3 for **25c.**

SPECIAL OFFER—One packet of each of the four Morning Glories 20c.

FLOWER SEED COLLECTIONS

25c. Simmers' Flower Seed Collection "A"

7 Pkts Choice Fresh Flower Seeds for 25c.

Containing beautiful varieties of easily grown annuals with full directions for their culture.

Double Imperial Pinks.
Morning Glory—Mixed.
Phlox.
Poppy—Double mixed.
Sweet Mignonette.
Tall Nasturtium—Mixed.
Sweet Peas—All colors mixed.

50c. Simmers' Flower Seed Collection "B"

Contains 15 Pkts of Choice Flower Seeds for 50c.

Calendula.
Candytuft—Mixed.
Double Pinks—Best Mixed.
Marigold—Double French.
Mignonette—Large Flowering.
Morning Glory—Mixed.
Nasturtium—Dwarf Mixed.
Phlox Drummondi—Mixed.
Poppies—All kinds mixed.
Scabiosa—Mixed.
Snapdragon.
Sunflower—Very double.
Sweet Alyssum.
Sweet Peas—Mixed.
Tall Nasturtium—Mixed.

$1.00 Simmers' Flower Seed Collection "C"

Contains 30 Pkts of Flower Seeds for $1.00.

Alyssum, Sweet—Little Gem.
Balsam, Double—Mixed.
Calendula.
Canarybird Flower.
Candytuft.
Carnation—Marguerite.
Castor Oil Bean.
Chrysanthemum—Annual sorts.
Cosmos—Mixed.
Double Japan Pink—Best Mixed.
Eschscholtzia.
Everlasting Flowers—Mixed.
Gaillardia—Annual.
Godetia—Mixed.
Gourds, Ornamental.
Marvel of Peru.
Marigold, Double—Mixed.
Mignonette.
Morning Glory.
Nasturtium—Tall mixed.
Nasturtium, Dwarf—Mixed colors.
Nasturtium, Tall—Lobb's mixed.
Petunia.
Phlox Drummondi—All colors, mixed.
Poppy—All kinds, mixed.
Portulaca—Mixed sorts.
Scabiosa—Mourning Bride.
Snapdragon.
Sunflower—Many kinds, mixed.
Sweet Peas.

Hardy Perennials—10 Packets for 60c.

60c.

Galliardia
Correopsis.
Iceland Poppies.
Perennial Sweet Pea.
Larkspur.
Foxglove.
Pentstemon.
Columbine.
Hollyhocks.
Double White Chrysanthemum

☞ We cannot permit any change in the composition of these collections.

SIMMERS' COLLECTIONS OF FLOWER SEEDS

892	**Asters**	**Truffaut's Pæony Flowered**	Twelve Colors	$0 75
893	**Asters**	**Victoria Double**	Six very showy colors	40
894	**Balsams**	**Camelia-flowered Double**	Ten Colors	60
895	**Hollyhocks**	**Chater's Prize**	Twelve choice colors	60
896	**Pansies**	Large flowered spotted	Twelve distinct varieties	1 00
897	**Phlox Drummondi**	Grandiflora	Twelve Colors	75
898	**Phlox Drummondi**	Grandiflora	Six distinct colors	40
899	**Portulaca**	**Single**	Single distinct brilliant colors	$3 00
900	**Poppy**	**Double or Pæony flowered**	Twelve superb varieties	50
901	**Stocks**	**Large Pyramidal Globe Double**	Ten weeks, ten colors	75
902	**Stocks**	**Large Flowered, Pyramidal Globe Double**	Six distinct colors	40
903	**Zinnias**	**Double**—	Six distinct colors	40

FLOWER SEEDS

In ordering Flower Seeds the running number need only be given with the year of publication of this catalogue

While Trees and Shrubs

are important and satisfactory and must be relied upon as the general structural or frame-work in adornment of a place, annuals and other flowering plants make up the detail. And it is the detail which gives finish and completeness to the garden as a whole. They serve as pictures which may be shifted from season to season to suit the pleasure of the occupant of the dwelling whose grounds they beautify. They give quick returns and large profits from a small outlay of time and labor. New places and temporary locations can be greatly softened and beautified by a judicious use of these annual plants. There is no place so small that there is not room for a few of these beautiful annuals, and with a small outlay a succession and abundance of blooms can easily be secured.

Annuals grow, bloom and die the first year from Seed.
Biennials bloom the Second year from Seed and then die, though many, if sown early in the spring, will flower the first year.
Perennials usually bloom the second year, from Seed, and continue to grow and bloom for many years. Some will bloom the first year, if sown early.
Full Cultural Directions for sowing are printed on each and every package.

THERE IS MONEY FOR YOU

in Flower Seeds and it will pay you to secure your neighbor's orders. We make these **Liberal Premiums**—

CUSTOMERS SENDING $1.00, 2.00, 3.00, 4.00 may select $1.25, 2.50, 3.75, 5.00

Worth of Flower Seeds in packets. This premium, however, does not apply to seeds by weight or collections, nor does it apply to orders sent at different times during the season.

1 **ABOBRA VIRIDIFLORA**—An extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt, **10c.**

2 **ABRONIA UMBELLATA**—Handsome trailing annual for edging, pretty pale rose flowers, similar to Verbenas. Per pkt, **5c.**

3 **ABUTILON (Flowering Maple)**—Very free blooming greenhouse shrubs, with handsomely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season when sown early, 2 to 6 feet. Per pkt, **10c.**

4 **ACACIA**—Decorative, greenhouse shrubs with elegant foliage, flowers yellow, white, or red, perennial. Mixed varieties. Pkt, **10c.**

5 **ACHILLEA, Ptarmica**—Hardy, perennial, with double white flowers. Per pkt, **10c.**

6 **ADLUMIA CIRRHOSA** (Mountain Fringe or Alleghany Vine)—A beautiful hardy climbing perennial; flowers white with purple. Pkt, **5c.**

ADONIS

7 **Adonis Æstivalis** (Flos Adonis)—A pretty, hardy scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt, **5c.**

8 **Adonis Vernalis**—A hardy perennial variety of the preceding, one foot high, with showy yellow flowers. Per pkt, **5c.**

Abronia Umbellata. Pkt, **5c.**

ACHIMENES

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

9 **Achimenes Hybrida.** Per pkt, **25c.**

ACROCLINIUM

A beautiful class of half-hardy everlasting annuals, 1 ft. high; graceful border plants.

10 **Roseum fl. pl.**—Double flowers. Per pkt, **10c.**

11 **Mixed,** rose and white. Per pkt, **5c.**

ACONITUM (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

12 **Aconitum Napellus**—Bright blue and white flowers. Per pkt, **5c.**

Agathæa

AGATHÆA

13 **Blue Daisy or Marguerite**—Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre; invaluable. Per pkt, **10c.**

AGERATUM

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one to two feet, except the Tom Thumb kinds which are not over six inches in height; prevailing color, bright lavender blue.

14 **IMPERIALS**—Dwarf white. Per pkt, **5c.**
15 **Dwarf Blue**—Pkt, **5c.**
16 ——**Cope's Pet**—Lovely azure blue; eight inches high. Per pkt, **10c.**
17 ——**Tom Thumb**—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt, **10c.**
18 ——**Mexicanum**—Lavender blue. Per pkt, **5c.**
19 ——**Mexicanum**—White. Per pkt, **5c.**

AGROSTEMMA (Crown of the Field)

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

20 **Agrostemma Cœli Rosa** (Rose of Heaven)—Annual. Per pkt, **5c**
21 ——**Hybrida Splendens** (Rose Campion)—Deep crimson. Per pkt, **5c.**

AMMOBIUM (Winged Ammobium)

22 **Alatum Grandiflorum**—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt, **5c.**

Ageratum—Tom Thumb—Rose. Pkt, **10c.**

Simmers' Superb Double Asters

Truffaut's Pæony-Flowered Double Aster. Pkt, 10c.

OUR PACKETS OF ASTERS CONTAIN A VERY LIBERAL AMOUNT OF SEED . . .

Note.—It is an undeniable fact that for purity, Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers, and the German growers have the experience of a century behind them. There is a great deal of cheap Aster seed offered to us every year, but we prefer to buy seed of careful and experienced growers, though high priced, and our selections are made from these.

Collections

Truffaut's Pæony flowered Asters, one packet each of twelve colors, **75c.**

Improved Victoria Asters, one packet each of six colors, **40c.**

Comet Aster. Pkt, 10c.

TRUFFAUT'S PÆONY-FLOWERED

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Pæony. The colors are both bright and delicate, and altogether, this Aster is nearly perfection.

23 **Glowing Crimson**....Pkt **10c**
24 **Dark Blue and White**.Pkt **10c**
25 **Light Blue**.....Pkt **10c**
26 **Pale Red and White** .Pkt **10c**
27 **Bright Pink**.....Pkt **10c**
28 **Pure White**.....Pkt **10c**
29 **Violet and White**.....Pkt **10c**
30 **Purple**.....Pkt **10c**
31 **Mixed Colors**.....Pkt **10c**

DWARF QUEEN

This splendid Aster makes dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers.

32 **White**.....Pkt **10c**
33 **Crimson**.....Pkt **10c**
34 **Mixed Colors**.....Pkt **10c**

SNOWBALL or "PRINCESS WHITE"

35 This is the first variety of an entirely distinct class which may be best compared to Lilliput Dahlias. A single plant develops as many as 30 pure white flowers. Pkt, **10c**, 3 for **25c.**

TRIUMPH

36 About 7 to 8 inches high, the individual flowers measuring from 2½ to 3 inches across and are of the most faultless Pæony form. The color is a peculiarly rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant often bearing at least 30 to 40. Pkt, **10c.**

DRAWF LARGE PÆONY-FLOWERED ROBUST

37 Most valuable, being constantly in growth, with handsome foliage and large, beautifully formed flowers, brilliant colors, mixed. Pkt, **10c.**

QUEEN OF THE MARKET

Blooms three weeks earlier than other Asters, of branching habit, excellent for growing under glass. 1 foot.

38 **White**.....Pkt **10c**
39 **Light Blue**.....Pkt **10c**
40 **Rose**.....Pkt **10c**
41 **Crimson**.....Pkt **10c**
42 **Mixed Colors**.....Pkt **10c**

EARLIEST PARISIAN

The earliest of all by nearly three weeks. Plants are dwarfed and very branching, blooming very freely; very double flowers, borne on very long stems, rendering them of exceptional value for cutting.

43 **White**.....Pkt **10c**
44 **Rose**.....Pkt **10c**

OSTRICH PLUME

45 Plants 15 to 18 inches high and of strong branching habit, the flowers measuring 4 to 5 inches in diameter and borne on long stems. The petals are long, wavy and so twisted as to give an extremely beautiful effect. Pkt, **10c**, 3 for **25c.**

SIMMERS' IMPROVED VICTORIA

Undoubtedly one of the most handsome Asters in cultivation, of which we have an excellent strain. Flowers are large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1¾ feet high.

46 **Pink**.....Pkt **10c**
47 **Scarlet**.....Pkt **10c**
48 **Purple**.....Pkt **10c**
49 **White**.....Pkt **10c**
50 **Mixed Colors**.....Pkt **10c, oz $2.00**

HOHENZOLLERN ASTER

The flowers are much larger than those of the Giant Comet, and the petals are longer and more beautifully curled and twisted, and produced in much greater abundance. They quite resemble the Giant Flowering Japanese Chrysanthemums seen at the Autumn shows, and the flowers are borne on long stems, which with their beautifully curled petals makes them cut flowers par excellence.

51 **White**.....Pkt **10c**
52 **Pink**.....Pkt **10c**
53 **Delicate Rose**.....Pkt **10c**
54 **Azure Blue**.....Pkt **10c**
55 **Light Blue**.....Pkt **10c**
56 **Mixed**.....Pkt **10c**

GIANT COMET

A handsome new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink, bordered with white, bright pink, light blue, and other colors.

57 **Pink**.....Pkt **10c**
58 **Pink and White**.....Pkt **10c**
59 **Light Blue**.....Pkt **10c**
60 **Pure White**.....Pkt **10c**
61 **The Bride**—A variety of the Giant Comet type. The flowers, on opening, are of purest white, changing as they become older to a beautiful shade of rose; a most unique transformation. Pkt, **10c.**
62 **Mixed Colors**—Pkt, **10c**, 3 pkts **25c.**

JAPANESE GIANT ASTERS

63 Plants of pyramid growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle-shaped petals, making the flowers free from the stiff and formal appearance usual to Asters. Mixed colors. Pkt **10c**, 3 pkts **25c.**

64 **SIMMERS' EXCELSIOR MIXTURE OF TALL DOUBLE ASTERS**—This is a mixture of the most beautiful, striking and delicate colors of tall varieties selected from the cream of Truffaut's desirable sorts, and includes our best named kinds. Aster lovers will be astonished at the wide range of colors given in this truly excelsior strain Pkt **10c**, 3 pkts **25c**, ⅛ oz **40c.**

65 **SIMMERS' EXCELSIOR MIXTURE OF DWARF ASTERS**—Where not desired for an even bed or border we would recommend the planting of our Excelsior Mixture. It consists of the most distinct and lovely colors from all the above Dwarf Asters. Pkt **10c**, 3 pkts, **25c**, ⅛ oz **40c.**

SPECIAL OFFER

For those wishing a succession of Asters during the season we offer the following four varieties:—**QUEEN OF THE MARKET**, Mixed, early. **PÆONY FLOWERED**, Mixed, medium. **VICTORIA**, Mixed, medium. **GIANT BRANCHING**, Mixed, late. **1 Packet of each for 35 cents.**

Hohenzollern Aster.

ASTERS—Continued

GIANT BRANCHING ASTERS

The plants form strong, robust bushes about two feet high, bearing profusely on long, strong stems, handsome Chrysanthemum-like flowers, many being over six inches in diameter. The flowers have none of the stiffness usual to most Asters, making them particularly desirable, as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Asters and Chrysanthemums.

66 **Pure White**.....Pkt **10c**
67 **Shell Pink**.....Pkt **10c**
68 **Lavender Blue**.....Pkt **10c**
69 **Bright Crimson**.....Pkt **10c**
70 **Purple**.....Pkt **10c**
71 **Mixed Colors**.....Pkt **10c**

One packet each of any five colors for 35 cents.

VARIOUS ASTERS

72 **Daybreak**—Globe-shaped flowers of beautiful shell-pink color. A magnificent variety either for bedding or for cut flowers. Per pkt, **10c**, 3 pkts, **25c.**

73 **VICK'S PURITY ASTER**—This new Aster is the handmaid to Daybreak, being identical in form and habit, but the blooms are pure white. A finer combination of color cannot well be imagined than the massing together of these two beauties. The plant is a free bloomer, like its companion. Pkt, **10c**, 3 for **25c.**

74 **YELLOW ASTER "SUNLIGHT"**—This variety resembles in growth and form of flower the Pæony Perfection type, and is said to be the first really yellow variety introduced. Pkt, **10c**, 3 for **25c.**

75 **"Mignon" Mixed**—The mixture contains light blue, lilac, rose, carmine, and crimson varieties in addition to the fine white one. Per pkt, **10c.**

76 **Washington**—Pure white, flowers 4 to 5 inches in diameter, and of perfect form. Free bloomer. Per pkt, **10c.**

77 **China**—Double-quilled Chinese Asters; 1 to 2 feet; in variety mixed. Oz., **75c**, pkt, **5c.**

78 **Chrysanthemum-Flowered Double Dwarf**—Of very compact growth, very abundant; later than other varieties, therefore valuable for succession; 1 foot, mixed colors. Pkt, **10c.**

79 **Crown or Cockade**—Large flowers with two colors, the centre being white; height 1½ feet, varieties mixed. Pkt, **10c.**

80 **Giant Emperor**—Beautiful class, large double flowers, varieties mixed. Pkt, **10c.**

ASTER SEED BY WEIGHT

Victoria—In separate colors	per one-eighth oz.	40c
" All colors mixed	" "	**30c**
Truffaut's—In separate colors	" "	**35c**
" All colors mixed	" "	**25c**
Dwarf Chrysanthemum-Flowered—All colors mixed	" "	**30c**
Comet Mixed	" "	**25c**
Giant Branching—In separate colors	" "	**20c**
" " Mixed	" "	**20c**

AMARANTHUS

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.

Amaranthus Tricolor. Pkt. **5c.**

81 **Atrupurpureus**—Hardy annual, 3 feet in height, drooping flower plumes, heart-shaped metallic tinted leaves. Pkt, **5c.**

82 **Caudatus** (Love Lies Bleeding)—Hardy popular annual, 2 feet in height. Pkt, **5c.**

83 **Melancholicus Ruber**—Half-hardy annual, 2 feet high, with rich blood red foliage. Pkt, **5c.**

84 **Monstrosus** (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height. Pkt, **5c.**

85 **Salicifolius** (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth. Pkt, **5c.**

86 **Tricolor** (Joseph's Coat)—Half-hardy annual, 1½ feet high, foliage beautifully marked, yellow, red and green, very showy. Pkt, **5c.**

87 **Tricolor Splendens**—An improved variety of the preceding, the foliage being more distinctly marked. Pkt, **5c.**

ALOYSIA (Lemon-scented Verbena)

88 A perennial, popular deciduous greenhouse shrub known as the Lemon-Scented Verbena. Aloysia, Citriodora (Verbena Citriodora). Pkt, **10c.**

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

89 **Sweet Alyssum**—White fragrant flowers, hardy annuals, 6 inches. Per pkt, **5c**, oz, **30c.**

90 **Little Gem**—Of dwarf compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring until late autumn. Pkt, **5c**, ½ oz, **25c**, oz, **40c.**

91 **White Carpet**—(Compactum procumbens)—Only two or three inches high. A profuse bloomer, showing as many as 300 heads of snow white flowers at one time on one plant. Annual. Pkt, **10c.**

92 **Saxatile Compactum**—Golden yellow, shining, hardy perennial, three quarter foot high. Pkt, **5c.**

Giant Branching Aster. Pkt, **10c**

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy; half-hardy annual.

93 **Linifolia**—Scarlet flowers, fine feathered foliage. Pkt, **5c.**

AMPELOPSIS

94 **Quinquefolia** (Virginia Creeper)—One of the best climbing plants for permanent situations, as it is perfectly hardy, clings to the sides of what ever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high. Pkt, **10c.**

95 **Veitchii** (Boston Ivy)—It clings to stonework, tree, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. See Plant List for large well-grown plants. Pkt, **10c.**

ANAGALLIS (Pimpernello)

Pretty little trailing, hardy annuals, flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rockwork.

96 **Grandiflora**—Scarlet, blue and carmine mixed. Pkt, **5c.**

ANCHUSA

Showy hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

97 **Altissima**—Three feet in height. Pkt, **5c.**

ANGELONIA

Pretty hot-house plants with fine musk like scent; suitable for windows.

98 **Floribunda Grandiflora**—Pkt, **15c.**

ARABIS (Rock Cress)

Remarkably early-flowering dwarf plants for rockeries, flower beds; edgings, etc. Continuously in bloom from early spring until frost sets in; height 9 inches; hardy perennial.

99 **Alpina**—Per pkt, **5c.**

ARCTOTIS GRANDIS—The African Lilac Daisy

Little Gem Alyssum. Pkt, **5c.**

A handsome new annual forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower heads, borne on long stems and rising well above the foliage, are pure white on the upper surface, reverse of petals pale lilac.

100 Pkt, **10c**, 3 for **25c.**

FLOWER SEED BY WEIGHT

We carry large stocks of Flower Seeds and can furnish any quantity desired of any sort. Send us your list for estimate.

AQUILEGIA (Columbine)

Highly ornamental hardy perennials, combining at once flowers of the most curious in form with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very sl wly.

101 **Stellata, fl., pl.** Star-like double flowers, different colors, mixed. Pkt **10c.**

102 **Vulgaris, fl., pl.**—double flowers, showy, different colors, mixed. Pkt **5c.**

103 **Chrysantha** (Golden spurred) — Bright golden yellow, 3 feet. Pkt **10c.**

104 **Chrysantha Alba** (White spurred) — A beautiful pure white variety. Pkt **10c.**

Aquilegia or Double Columbine. Pkt **5c.**

GIANT SNAPDRAGON

(Antirrhinum majus Grandiflorum).

These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in rather dry locations, growing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-sown seed.

105 **Firefly** — Scarlet, white throat. Pkt **5c.**

106 **Brilliant** — Scarlet, golden and white. Pkt **5c.**

107 **Crescia**—Fine deep scarlet. Pkt **5c.**

108 **Kermesina Splendens**—Deep rose. Pkt **5c.**

109 **Luteum** — Yellow. Pkt **5c.**

110 **White** — Pure snow white. Pkt **5c.**

111 **Tall Mixed** — Pkt **5c.**

SPECIAL OFFER—One packet each of six varieties of Tall Giant Snapdragons. **25c.**

Giant Tall Snapdragon

LARGE FLOWERING DWARF SNAPDRAGON (Antirrhinum)

Compact, thrifty, bushy plants. For low flower beds and edgings they are charming subjects, and for pot culture they are scarcely of less value.

112 **Golden Queen**—Pure yellow. Pkt **5c.**
113 **Queen of the North**—White. Pkt **10c.**
114 **Victoria**—White and red, very fine. Pkt **5c.**
115 **Atrococcineum**—Deep scarlet. Pkt **5c.**
116 **Dwarf Large Flowering, Mixed**—Pkt **5c.**
SPECIAL OFFER—One package each of the four varieties, large flowering Dwarf Snapdragons, **20c.**

ARISTOLOCHIA (Dutchman's Pipe)

117 **Sipho or Bonplandi**—An exceedingly beautiful and interesting rapid-growing deciduous hardy perennial climber, flowers resembling a tobacco pipe. Pkt **10c.**

ARABIAN PRIMROSE (Summer Flowering)

118 **Arnebia Cornuta**—A charming annual, growing in bushy form about two feet high, and about the same in breadth; flowers over three-quarters of an inch across, and of a rich primrose yellow, marked with five black spots. Pkt **10c.**

ASPARAGUS

119 **Plumosus Nanus**—This plant possesses the advantage of being very graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant, succeeding under almost any conditions. Pkt **10c,** 3 for **25c.**

120 **Sprengeri**—A pot plant for decorative purposes or for planting in suspended baskets. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. We consider this one of the best house plants introduced in many years. Pkt **10c,** 3 for **25c.**

ARMERIA (Thrift, Sea Pink)

121 **Formosa Rosea**—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Pkt **10c.**

ASPERULA (Woodruff)

122 **Azurea Setosa**—A hardy annual of easy culture in any soil, and of most valuable qualities, with verbena-like umbels of azure blue flowers, height 1 foot. Pkt **5c.**

123 **Odorata**—A hardy perennial, one foot in height; the small branches of fragrant white star-like flowers appear in May and June. Pkt **10c.**

AURICULA

124 **Variegated**—Very beautiful dwarf, hardy perennial, succeeds best in northern aspect not exposed to the sun; choice quality. Pkt **10c.**

BALLOON VINE (Love in a Puff)

125 A rapid-growing, handsome summer climber, small white flowers, seed vessels resemble small balloons; 10 to 15 feet high. Pkt **5c.**

BARTONIA

126 **Aurea,** or Golden Bartonia—A favorite hardy annual with showy brilliant yellow flowers; of easy culture. Pkt **5c.**

BEET (Ornamental)

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For ribbon beds or groups they are very effective.

127 **Red Chilian**—Scarlet ribbed. Pkt **5c,** oz **15c.**
128 **Yellow Chilian**—Golden Yellow. Pkt **5c,** oz **15c.**
129 **Dracena-Leaved**—Brilliant dark red foliage. Pkt **5c.**

BRACHYCOME (Swan River Daisy)

Neat dwarf half-hardy annual, 6 inches high, flowers similar to the Cinerarias.

130 **Iberidifolai**—Blue. Pkt **5c.** 131 **White**—Pkt **5c.**

BEGONIA

Plants may be had in flower the first season from seed grown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

132 **Giant Single Tuberous Rooted**—Finest mixed varieties. Pkt **25c**
133 **Giant Double Tuberous Rooted, Mixed.** Our seed has been hybridized, using the most double flowers and handsome single varieties. Pkt **35c.**
134 **Pearcei**—A magnificent tuberous variety, bright golden color. Pkt **25c.**
135 **Rex Hybrids**—Ornamental-leaved varieties. Pkt **25c.**
136 **Vernon**—Flowers of a brilliant orange carmine; foliage of a glossy red, blooms profusely throughout the summer; a good bedder. Pkt **10c.**
137 **Semperflorens, Double Mixed**-Many double-flowering varieties have been introduced in the last few years. The seed here offered has been saved from one of the best collections in Europe. Pkt **25c.**

Begonia Semperflorens Single

138 **Semperflorens, Single Mixed**—This mixture contains all the best varieties, ranging in color from pure white to the deepest crimson; splendid. Pkt **10c.**

BELL FLOWER—(See Campanula). **BLEEDING HEART**—(See Dielytra).

BOCCONIA

139 **Japonica**—A hardy, perennial, foliage plant of pleasing effect among shrubbery, 5 to 6 feet. Pkt **5c.**

BROWALLIA

140 **Elata** — Blue, Pkt **5c**
141 **Elata**—White. Pkt **5c.**
142 **Rœzlii** — Blue, yellow centre. Pkt **10c.**

CACALIA

143 **Mixed.** Pkt **5c.**

CALANDRINIA

144 **Grandiflora** — Deep pink. Pkt **5c.**

CACTUS

145 Sow seed in flower pot saucers filled with coarse sand, and cover with glass. A better way is to set the saucer of seeds in a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Pkt **10c.**

Browallia Elata. Pkt **5c.**

BALSAMS

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth.

146 **Simmers' Invincible Camellia-Flowered Double Mixed**—We have no hesitancy in pronouncing this strain the FINEST IN CULTIVATION. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double. Height two feet; mixed. **Pkt 10c, 3 pkts 25c.**

Calendula, Double Large Flowering, Sulphur Yellow. Pkt **10c.**

147 **Dwarf Spotted Double**—One foot high in height; flowers abundantly, quite distinct. Finest mixed, pkt **10c.**

148 **Solferino Double,** or Carnation Striped Finest Mixed—Distinguished by the flowers being striped and streaked with lilac and scarlet on satin-white ground. Pkt **10c.**

149 **Camellia-Flowered Perfection White** (Queen's White)—Flowers pure white, of immense size and solidity. Pkt **10c.**

Collection of Camellia-Flowered Balsams—One pkt each, ten very fine colors, **60c.**

Simmers' Invincible Camellia-Flowered Double Balsams. Pkt **10c.**

CALENDULA (Pot Marigold)—

A showy free-flowering genus of hardy annuals, producing a pretty effect in mixed borders, and growing freely on any soil.

150 **Double Large Flowering, Sulphur Yellow**—A light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt **10c, 3 for 25c.**

151 **Pongei fl. pl.**—Double white. Two feet high. Pkt **5c.**

152 **Ranunculoides fl. pl.**—Double flowering dwarf orange. Pkt **5c.**

153 **Superba**—Sulphur. Pkt **5c.**

154 **Meteor**—Double striped, flowering very commendable. Pkt **5c.**

155 **Mixed Varieties**—Pkt **5c,** oz **20c.**

Calceolaria Hybrida Maculata

CALCEOLARIA (Lady's Slipper)——

A most magnificent early-flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy, interesting flowers, mottled and spotted in endless varieties of shade.

156 **Hybrida Maculata** (James' Giant Strain)—Beautiful variety with spotted or mottled flowers; highly improved. ½ pkt **25c,** pkt **50c.**

157 **Hybrida Shrubby** or Perennial—For bedding out, bright yellow flowers. ½ pkt **25c,** pkt **50c.**

CALIFORNIA GOLDEN BELLS

158 **Emmanthe Pendulifera**—An annual bushy plant, 9 to 12 inches high, each branch is loaded, with broad bell-shaped flowers, about one-half inch long, of creamy yellow color. Pkt **10c.**

CAMPANULA (Canterbury Bells)——

Bellflowers, when well grown, are among the most attractive of hardy perennial plants, from the rich profusion of bell and saucer-shaped flowers in blue, white or flesh-colors.

159 **Medium Single Mixed** (Canterbury Bells)—Two feet high; large single blue flowers. Pkt **5c.**

160 **Medium Double Mixed**—Double flowering variety of the preceding, constant from seed. Pkt **5c.**

161 **Carpatica**—Free flowering blue and white, mixed, continuing in bloom the whole season; hardy perennial; six inches. Pkt **10c.**

162 **Persicifolia Grandiflora**—One of the finest of the Bell flowers, two or three feet high, with large blue or white flowers. Pkt **10c.**

163 **Pyramidalis**—Three to five feet high, producing long spikes closely set with deep blue flowers. Pkt **10c.**

164 **Macrostyla**—A hardy annual, 15 inches high, forming a broad headed bush, surmounted with cup-shaped flowers, 1½ inches across, violet purple upon white ground. Pkt **10c.**

Campanula

165 **Cup and Saucer**—The flowers grow in the form of a cup and saucer, the colors are principally white and rose and occasionally blue. Pkt **10c,** 3 for **25c.**

166 **Striped Cup and Saucer**—The bells average 3 inches in length, and the saucer 4 to 5 inches across, of a satiny lavender. Plants form perfect pyramids of bloom about 24 inches high. Hardy biennial. Pkt **10c,** 3 for **25c.**

167 **Simmers' Prize Mixture**—All colors of single and double; also cup and saucer; unsurpassed. Pkt **15c.**

CALLIOPSIS or CORREOPSIS

Showy free flowering, hardy annuals, indispensable in any collection, adapted for bouquets.

168 **Double Yellow**—Double golden-yellow, with maroon spots. Pkt **5c.**

169 **Bicolor Tinctoria**—Very desirable hardy annual, 1 to 1¼ feet, yellow flowers, dark centre. Pkt **5c.**

170 **Cardaminæfolia, Hybrida**—Of more dwarfish habits than the preceding, dark brown. Pkt **5c.**

171 **Golden Wave**—Very showy sort, bright golden-yellow flowers, dark centre. Pkt **5c.**

172 **Mixture** of all the desirable sorts. Pkt **10c.**

173 **Correopsis Lanceolata**—Golden Correopsis—One of the finest hardy plants, large, showy bright golden-yellow flowers freely produced on long stalks from June till frost. Hardy perennial, 3 feet. Pkt **10c.**

CALLIRRHOE

174 **Pedata**—A half-hardy annual of the Mallow tribe with large deep rosy flowers produced in abundance during the whole summer, of easy culture, height 2 feet. Pkt **5c.**

Calliopsis Mixed. Pkt **10c.**

Canary Creeper or Canary Bird Flower

CANARY CREEPER

(or Canary Bird Flower)

175 **A well-known, pretty, favorite creeping annual** with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half hardy annual. Per pkt **5c, oz 30c.**

CANDYTUFT

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

176 **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly. Per pkt **10c,** 3 pkts **25c,** 1 oz **30c.**

177 **Candytuft, White Rocket**—Pkt **5c,** oz **20c**

178 **Scarlet** (or Carter's Carmine)—One foot high. Pkt **5c.**

179 **Purple**—One foot high. Pkt **5c.**

180 **Snowflake White**—One foot high. Pkt **5c,** oz **25c.**

181 **Mixed**—All colors. Per pkt **5c,** oz **20c.**

Empress Candytuft. Pkt. **10c.**

182 **New Dwarf Hybrids**—This is a very choice mixture of dwarf growing Candytuft with flowers candelabra shaped, in a large variety of colors, very attractive and well worthy of a trial. Pkt **10c,** 3 for **25c.**

183 **Iberis Tenoreana, Perennial**—A half-hardy perennial shrub, 1 foot high, white fragrant flowers for indoor culture. Per pkt **10c.**

184 **Iberis Gibraltarica Perennial**—A beautiful hardy Perennial, about 1 foot high, specially adapted for rockeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer and in color it is pure white, shading off to delicate lilac. Pkt **10c,** 3 for **25c.**

CANNA or INDIAN SHOT

Very stately and highly ornamental plants, with large, broad massive foliage, and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy and produce fleshy roots, which, if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

185 **Crozy's Gladiolus Flowered**—This distinct class of dwarf, compact habit, produces flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt **10c,** 1 oz **30c.**

186 **CHOICE MIXED, Old Varieties,** red and green foliage Pkt **5c.**

CENTROSEMA GRANDIFLORA (Butterfly Pea)

187 A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish purple with a broad feathery white mark through the centre, the buds and back of the flowers being pure white. Pkt **10c.**

CATCHFLY

188 A favorite hardy annual, 1 foot high, flowering freely, and suitable in any soil. Pink and white. Pkt **5c.**

CASTOR OIL BEAN (Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.

Castor Oil Bean—Zanzibarensis. Pkt **10c,** 3 for **25c.**

189 **Zanzibarensis**—A comparatively new species of wonderfully vigorous growth. Plants grow from 10 to 15 feet high. Leaves have a brilliant lustre, measure about 30 inches across, and in different plants range from bright green with green stems to deep bronze with dark red stems. Mixed varieties. They are sure to please all. Pkt **10c,** oz **20c,** ¼ lb **60c.**

190 **Cambodgiensis**—They grow from 6 to 8 feet high in a few weeks, with large, palm-like leaves of a bronzy red maroon color with large red veins. The leaf stems and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Pkt **10c,** oz **30c.**

191 **Borboniensis Arboreus**—Immense green foliage, 15 feet. Pkt **5c,** oz **20c.**

192 **Gibsoni**—Dark purple stems and leaves, 5 feet. Pkt **5c,** oz **20c.**

193 **Sanguineus**—A distinct variety, with beautiful brownish-red foliage and bright seed pods; very effective; 6 feet high. Pkt **5c,** oz **20c.**

194 **Mixed**—In many sorts Pkt **5c,** oz **20c.**

CINERARIA

FLOWERING VARIETIES—A popular class, mostly indoor or green house plants, yielding abundance of bright tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors. Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring 2½ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineriaria seed. All desiring the best should obtain our strain.

Cineraria Hybrida Grandiflora Maxima

195 **Hybrida Grandiflora Maxima**—Mixed, ½ pkt **25c,** pkt **50c.**

196 **Hybrida, double flowered**—Representing every shade of color, unquestionably one of the best of recent introduction. ½ pkt **25c,** pkt **50c.**

197 **Stellata** (Star Cineraria)—A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house or conservatory, and especially so for church decoration; also used for cutting. **35c.**

BEDDING CINERARIA

198 **Maritima**—A hardy perennial extensively used for bedding purposes on account of the silvery, finely-fringed foliage. Pkt **5c.**

Cineraria Stellata (Star Cineraria)

REMEMBER: We publish a booklet, "Hints on Growing Flowers" (32 pages). Price, postpaid, 15c. A copy given free with every dollars' worth of Flower Seeds ordered.

Simmers' Carnations

Carnation Chabaud's Everblooming

"Carnation," "Pink," "Clove Pink," "Florist's Pink" are names applied by different people to the same or to different plants of several species as well as to hybrids between them. They are all easily grown from seed and very free blooming; the flowers being bright colored and with a most delicious clove-like fragrance. Some of the varieties are very desirable for the professional florist and make fine house plants for the amateur. Others do best in the open ground and are among the most desirable of garden plants. Half-hardy perennial.

199 **Extra Choice Double**—Mixed, saved from rich collection of named flowers, which will produce splendid varieties. Per pkt **25c.**

200 **Fine Double**— Mixed, sweet-scented sorts. Pkt **10c.**

201 **Chabaud's Everblooming** — The plants are of even height, as if trimmed, healthy and vigorous, the stalks stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also bloom in four months from the time the seedlings are up. Pkt **15c,** 2 for **25c.**

202 **Remontant, Perpetual Flowering, or Tree**—Flowering almost constantly during the year, and in winter, if kept indoors. Seeds from extra choice double flowers. Per pkt **25c.**

203 **Early Dwarf Grenadin**—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. Flowers salmon-red and sweet-scented. Pkt **10c.**

204 **Marguerite**—Plants are of dwarf, compact and neat habit. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings flowers can be had all winter. Pkt **10c,** 3 for **25c.**

For Carnation plants see under plants.

Marguerite Carnation

CHRYSANTHEMUM

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering variety.

Annual Varieties

205 **Coronarium**—Two feet double white and yellow mixed. Pkt **5c.**

206 **Single Mixed**—One to two feet. Per pkt **5c,** oz. **30c.**

207 **Eclipse**—Pure golden, with bright purplish scarlet ring on ray floret; disc is brown. Pkt **5c.**

208 **Dunnetti**—Three-colored flowers, very pretty. Per pkt **5c.**

Perennial Varieties

209 **Shasta Daisy**—The first of all Moonpenny Daisies, flowers very large and perfect. Pkt **15c.** Strong plants, each **20c,** 3 for **50c.**

210 **Grandiflorum Frutescens**—("The Marguerite" or "Paris Daisy.") Tender perennial. It produces freely white star-like flowers. Pkt **10c,** 3 for **25c.**

211 **Inodorum Plenissimum**—Double, snow-white, very free-flowering and fine for cutting. A perennial flowering the first year from seed. Pkt **10c.**

212 **Inodorum "Bridal Robe"**—Compact growing annual, upright habit, ten inches high, flowers extra double white. Pkt **10c.**

213 **Japanese Hybrids**—The seed here offered has been saved from blooms that have been carefully hybridized, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed grown in spring will produce vigorous flowering plants by fall. Per pkt **20c.**

CLEOME (Spiderwort)

Very pretty, half-hardy, fragrant annuals, two feet high, flowers somewhat resemble a spider.

214 **Purpurea**—Purplish blue flowers. Pkt **5c.**

215 **Pungens** (Giant Spider Plant)—A showy robust growing plant, 4 to 5 feet high, producing long curious spikes of flowers of a bright rose color. Pkt **5c.**

CENTRANTHUS

216 **Macrosiphon**—Showy, low growing, hardy annuals, suitable for any ordinary garden soil. One foot. Mixed colors. Pkt **5c.**

CLARKIA

A genus of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

217 **Mrs. Langtry**—The petals have an even edge, the color of the flowers being purest white, with an evenly defined centre of carmine crimson. Pkt **10c.**

218 **Double and Single Varieties**—Mixed. Per pkt **5c.**

CLEMATIS (Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

219 **Flammula**—Sweet-scented, white flowers. Per pkt **10c.**

220 **Jackmanii**—Rapid climber, with intense deep violet purple flowers of large size. Pkt **10c.**

221 **Paniculata** (Japanese Virgin's Bower)—A fine climber abundantly covered from top to bottom with pure white fragrant flowers and pretty red seed pods. Pkt **10c,** 3 pkts **25c.**

CLINTONIA

222 **Pulchella**—Elegant, tiny, half hardy annual, to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt **10c.**

CERASTIUM (Snow in Summer)

223 **Biebersteini**—One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth, densely branching with leaves covered with a cottony down of snowy whiteness and producing a profusion of elegant white flowers, 6 inches high. Per pkt **10c.**

224 **Tomentosum**—Very pretty perennial dwarf white leaved edging plant, bearing small white flowers. Pkt **10c.**

CLIANTHUS

(Glory Pea of Australia)

225 **Dampieri**—A splendid half-hardy shrub 2 feet high, with large rich, crimson-shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year. Per pkt **10c.**

COBÆA SCANDENS

(Cathedral Bells)

Elegant rapid-growing climber, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

226 **Purple**—Per pkt **10c,** ½ oz **20c.**

227 **White**—Per pkt **10c.**

Chrysanthemum Coronarium. Pkt **5c.**

Cobæa Scandens. Pkt **10c.**

Centaurea Imperialis Pkt 10c.
(Royal Sweet Sultan)

CENTAUREA

(Corn Flower or Bachelor's Button).

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

FLOWERING VARIETIES

228 **AMERICANA** — Lilac flowers, 3 feet high. Pkt **5c.**

229 **Depressa** — Deep blue flowers, one foot high. Pkt **5c.**

230 **Double**—In addition to the doubleness of the flower, this strain contains a number of new shades. Pkt **5c.**

231 **Cyanus** (Blue Bottle)—Different colors, mixed 2 feet high. Pkt **5c.**

232 **Odorata Mixed** — Reddish lavender, highly fragrant Pkt **10c.**

Centaurea Cyanus

Centaurea Suaveolens

ROYAL SWEET SULTANS

(Centaurea Imperialis)

This beautiful class are undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful sweet-scented artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. The plant itself is much stronger than any other Sweet Sultan. Of easy culture, but it is best, south of the New England States, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. We offer the following distinct colors :

233 **Pure White**.....Pkt **10c**
234 **Delicate Lilac**.....Pkt **10c**
235 **Brilliant Rose**.....Pkt **10c**
236 **Deep Lavender**.....Pkt **10c**
237 **Dark Rose**.....Pkt **10c**
238 **Deep Lilac**.....Pkt **10c**
239 **Mixed.** Pkt **10c,** 3 for **25c.**

240 **Marguerite**—One of the handsomest Sweet Sultans. The plants grow about fifteen inches high and the flowers are of the purest white, exquisitely fragrant. Pkt **10c,** 3 for **25c.**

241 **Chameleon**—Its flowers are large, and of a pale sulphur-yellow, changing into pink. Pkt **10c,** 3 for **25c.**

242 **Suaveolens** (Yellow Sweet Sultan or Grecian Cornflower)—Bright golden yellow flowers, height 1½ feet. Pkt **5c.**

WHITE-LEAVED CENTAUREAS (Dusty Millers)

Fine for bedding, vases, hanging baskets, and pots, also extensively used for borders. Sow the seed from December to April.

243 **Gymnocarpa**—Fine cut silver-gray foliage, 1½ feet. Per 1,000 seeds, **50c,** pkt **10c.**

244 **Candidissima**—Silvery white, leaves broadly cut. Per 1,000 seeds **50c,** pkt **10c.**

Coleus

COCCINEA INDICA

245 This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits two inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Pkt **10c.**

COLEUS

246 **Hybridus**—Beautiful ornamental foliage plants both for hothouse and bedding out during the summer; the broad oblong leaves being of a deep crimson brown color, edged with green, yellow or salmon color or mottled in a most picturesque manner. **Simmers' finest mixture.** Pkt **25c.**

COCKSCOMB (or Celosia)

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position.

247 **Cristata, tall**—Mixed colors. Pkt **10c.**

248 **Cristata, dwarf** — Mixed colors. Pkt **5c.**

249 **President Thiers, Glasgow Prize or Tom Thumb**—A fine dwarf variety, with dark leaves and crimson combs. Pkt **10c,** 3 for **25c.**

FEATHERED VARIETIES

250 **Thompson's Superb** (Triomphe de l'Exposition)—Pyramidal in growth attaining a height of a little more than two feet, and producing beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt **10c.**

Cockscomb Dwarf
(President Thiers)

251 **Feathered or Ostrich Plume, Mixed**—This feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form. Pkt **10c.**

COLUMBINE (See Aquilegia)

COLLINSIA

252 **Bicolor, Mixed**—Very neat hardy annuals, foot high, growing in any light soil. Flowers purple, lilac and white spotted. Pkt **5c.**

COSMOS

Early Cosmos

253 **Early Flowering Mixed**—Seed sown in the open ground in the beginning of May, will produce blooming plants in August, and they will continue to flower until late in fall. We know of no single flower that is as handsome and chaste as the Cosmos, while for keeping qualities when cut they are unexcelled. Pkt **10c,** 3 for **25c.**

254 **Early Yellow Cosmos**—Flowers sulphur, yellow, from 1 to 1½ inches in diameter, the plants attaining a height of about two feet. Pkt **10c.**

255 **Dawn, Early Dwarf, Large-Flowering**—More bushy and compact than the older varieties, and grows only about four feet, while all others attain a height of six to seven feet. The flowers are fully as large as those of the old sort, pure white with a tinge of rose. They commence to bloom in July and last until frost. Pkt **10c.**

256 **Pure White "Pearl"**—Pkt **10c.**

COLLOMIA

257 **Coccinea**—Hardy annual, about 18 inches high, scarlet flowers, neat in bouquets, grown in any light soil. Pkt **5c.**

CONVOLVULUS (Dwarf Morning Glory)

Very popular, hardy trailing annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

258 **Minor Mixed**—They are covered with flowers from June until late in fall. The only annual that equals it in freedom of bloom is the Godetia. The flowers are about the same size and shape as the tall or climbing Morning Glory. Many colors mixed. Pkt **5c,** oz **20c.**

259 **Double Flowering**—Flowers variegated, semi-double, but not very constant from seed. Pkt **5c.**

260 **Mauritanicus**—A hardy trailing perennial, sky-blue flowers. 1½ inch diameter. Pkt **10c.**

Dwarf Morning Glory

COWSLIP

261 **Primula Veris**—A well-known hardy, early-flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt **5c.**

262 **Giant American Cowslip** (Dodocatheon Clevelandi)—It throws up stems of flowers fully one foot high, each surmounted by 6 to 10 large, beautiful, cyclamen-like flowers of violet blue, with yellow and black centre. It is perfectly hardy and beautiful plant for particularly shaded situations. Pkt **25c.**

CUCUMIS

263 **Flexuosis** (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Pkt **5c.**

264 **Perennis, or Perennial Gourd**—A rapid-growing, half-hardy perennial climber, handsome fruit. Pkt **10c.**

Simmers' Mammoth Daisies. Pkt 10c

Cyclamen Persicum Giganteum
Pkt **15c.**

CUPHEA (Cigar Plant)

Remarkable for their beauty, freedom of blossom and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

265 **Platycentra** (Cigar Flower)—One foot high; intense scarlet flowers. Pkt **10c.**

266 **Rœzlii**—Three feet high; brilliant scarlet flowers, blooming in winter. Pkt **10c.**

CYCLAMEN

A graceful tuberous greenhouse or parlor plant with beautiful deep pink or white fragrant flowers.

267 **Persicum Giganteum**—Williams' white violet purple eye...Pkt **15c**
268 " " Rose.....Pkt **15c**
269 " " Dark red.....Pkt **15c**
270 " " White.....Pkt **15c**
271 " " Mixed.....Pkt **15c**

FRINGED CYCLAMEN BUTTERFLY

They possess all the qualities of fine habit of plant, beautiful markings of foliage, size and freedom of bloom of the finest type of C. persicum, but differ in having flowers with much wider petals, the edges of which are beautifully fringed or waved, giving them an extra grace and beauty.

272 Splendid mixture of all varieties. Pkt **50c.**

CYCLANTHERA

273 **Explodens**—Fast growing, hardy annual climber fringed foliage, oval-shaped fruit. Pkt **5c.**

CYPERUS (Umbrella Plant)

274 **Alternifolius**—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt **10c.**

CYPRESS VINE (Ipomœa)

275 **Cypress Vine** (Ipomæa quamoclit)—A beautiful scarlet or white flowering climber. Pkt **5c.**

DAHLIAS FROM SEED

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

276 **Double Cactus, Mixed**—The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt **10c,** 3 for **25c.**

277 **Double Mixed**—Pkt **10c,** 3 for **25c.**

278 **Dwarf or Liliput Mixed**—Pkt **10c.**

279 **Single Mixed**—Pkt **10c.**

For DAHLIA ROOTS See under Bulbs.

Dahlia Double Cactus Mixed
Pkt **10c.**

DIELYTRA

280 **Spectablis** (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Pkt **10c.**

DOLICHOS (Egyptian or Hyacinth Bean)

281 **Daylight**—One of the prettiest climbers and certainly the most beautiful among the Doliches or Hyacinth Beans. Of very rapid growth, growing to a height of fifteen feet by midsummer. From the handsome foliage there springs out a wonderful profusion of large sprays or spikes of white pea-like blossums. Pkt **10c,** 3 pkts **25c,** oz **30c.**

DICTAMNUS

Very pretty hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

Fraxinella, or Gas Plant—The ordinary purplish pink form, while not showy, is stately and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers.

289 **Rosea**—Pink flowers. Pkt **10c.**

290 **Alba**—White flowers. Pkt **10c.**

DIGITALIS (Fox Glove or Witch's Finger)

Well-known, showy tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white, height about 3 feet.

291 **Monstrosa Purpurea** (Mammoth Foxglove)—The largest and best type, all colors, mixed. Pkt **5c.**

292 **Gloxinæflora**—Large flower spikes, beautifully spotted, mixed. Pkt **10c.**

DATURA (Trumpet Flower)

This genus forms part of our best showy plants both with respect to flower and foliage; flowers are trumpet shaped, almost six inches in length and are very fragrant, they are half hardy annuals.

293 **Double Golden Queen**—Large double flowers of a deep golden yellow, delightfully fragrant. Pkt **5c.**

294 **Fastuosa Huberiana**—Mixed from large double flowers of various colors. Pkt **5c.**

295 **Arborea Simplex** (Brugmansia)—Large, single trumpet-shaped white, fragrant flowers about 12 inches long; plant out in May. Pkt **10c.**

296 **Cornucopia** (Horn of Plenty)—A grand variety, the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until frost. Pkt **10c,** 3 pkts **25c.**

282 **Darkness**—Both stems and under side of leaves are purplish red. Numerous long spikes of pea-like flowers, deep reddish violet. Per pkt **5c,** per oz **20c.**

Digitalis or Foxglove. Pkt 5c.

DRÆCENA (or Club Plant)

Palm-like plants, indispensable for decoration.

283 **Indivisa**—Grows easily from seed. Pkt **10c.**

DRACOCEPHALUM (Dragon's Head)

284 **Moldavicum**—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance. easily grown from seed. Pkt **5c.**

DOUBLE DAISY (Bellis Perennis)

The double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts.

285 **Longfellow**—Fine large flowering, dark rose flowers. Pkt **10c.**

286 **Snowball**—A sport of that charming variety Longfellow which possesses the good qualities of its parents; long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and very snowy white, justifying its name. Pkt **10c.**

287 **Pure White**—Double. Pkt **5c.**

288 **Simmers' Mammoth Mixed**—For size of flowers and doubleness these have no equals. The flowers average 1½ to 2 inches in diameter, are very double, ranging in colors from snowy white to pink and blood-red, with the prettiest combinations of pink and white. Pkt **10c,** 3 for **25c.**

Datura, Cornucopia. Pkt 10c.

Double Fringed Pink, Dianthus Laciniatus, fl. pl. Pkt **10c.**

Double Japan Pink, Dianthus Heddewigii, fl. pl. Pkt **5c.**

Single Annual, Dianthus or Pinks

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early and they bloom freely the first year.

ANNUAL VARIETIES

297 **Blue Butterfly**—In this new Larkspur we have a combination of attractions. It is dwarf and compact, hardly reaching a foot in height. It has a bushy, yet branching habit, and the size of the blossoms are beyond anything we have ever seen in the old perennial varieties; its color is of the intensest blue yet found in any flower. Pkts **10c,** 3 for **25c.**

298 **Double Rocket,** (Ajacis fl. pl.)—Two feet high with long spikes of various colored flowers. Pkt **5c,** oz **40c.**

299 **Double Hyacinth Flowered**—1½ feet high, more compact in growth, flowers as fine as the preceding. Pkt **5c.**

300 **Emperor**—Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-colored flowers. Pkt **5c.**

301 **Double Stock Flowered, Mixed**—The flowers are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Pkt **10c.**

302 **Consolida Candelabra, fl. pl.**—Double branching, of compact, branching pyramidal growth, 1 foot high; flowers in many colors, appearing in abundance in a candelabra-like outline. Pkt **10c.**

HARDY PERENNIAL VARIETIES

303 **Cashmerianum**—A beautiful dark blue, blooms in corymbs of six or more; 15 inches. Pkt **10c.**

304 **Zalil** (Hardy Yellow Larkspur)—Sulphur yellow plant of branching habit, bearing spikes of 40 to 50 blossoms each 1 inch in diameter, flowering from June until August, 3 to 4 feet. Pkt **10c.**

305 **Formosum**—Two feet high; flowers in large spikes of exquisite blue and white. Pkt **5c.**

306 **Pillar of Beauty** (D. formosum coelestinum)—An unusually pretty color—a delicate azure or sky blue, so bright and pretty a shade that it has to be seen to be appreciated. Pkt **10c.**

307 **Nudicaule**—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Pkt **10c.**

308 **Sinense**—Two feet high, flowering in loose clusters, sky blue, white or pink, excellent for bouquets. Pkt **5c.**

309 **Perennial Hybrids**—Double and single mixed. Pkt **10c.**

DIANTHUS or PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height one foot. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

310 **Crimson Belle**—Very fine, large rich crimson flowers. Pkt **10c.**

311 **Eastern Queen**—Beautifully marbled, with broad bands of reddish lake upon petals, most valuable. Pkt **10c.**

312 **Salmon Queen**—Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmony-rose when fading. The flowers are well formed and nicely fringed. Pkt **10c,** 3 pkts **25c.**

DOUBLE ANNUAL VARIETIES

313 **Fireball** (new)—Brilliant scarlet, double. Pkt **10c.**

314 **Imperial Pinks—Imperialis, fl. pl.**—About six inches high, in great variety of shades. Pkt **5c,** oz **50c.**

315 **China or Indian Pinks—Chinensis, fl. pl.**—About 12 inches high, of robust growth, extra double flowers, in great variety. Pkt **5c,** oz **40c.**

316 **White Frill or Mourning Cloak**—Double flowers of large size, rich purple maroon, almost velvet black, edged white. Pkt **10c.**

317 **Carnation striped, double China Pinks—Coronatus, fl. pl.**—Pkt **10c.**

318 **Japan Pinks—Heddewigii Hybridus, fl. pl.**—Robust, growing exceedingly large, distinct, showing flowers. Pkt **5c.**

319 **Double White Heddewigii**—Very large double white flowers. Pkt **10c.**

320 **Diadem Japan Pinks—Heddewigii Diademmatus, fl. pl.**—Extremely double, large flowering, beautiful shades. Pkt **10c.**

321 **Fringed Pinks—Laciniatus, fl. pl.**—Very large double fringed flowers. Pkt **10c.**

322 **Snowdrift**—1 foot high, large white flowers, very double. Pkt **10c.**

HARDY PERENNIAL VARIETIES

323 **Single Sweet William—Barbatus**—One foot high, fine variety of colors, single mixed. Pkt **5c,** per oz **30c.**

324 **Double Flowering Sweet William—Barbatus, fl. pl.**—Brilliant variety mixed. Pkt **10c,** per oz **60c.**

325 **Plumaris, fl. pl.**—Double flowered, pheasant-eyed pink; exquisitely fragrant. Pkt **10c.**

326 **Superbus Nanus**—Double white dwarf, an excellent and profitable variety for florists and for bedding out. Pkt **10c.**

327 **Collection**—One pkt each, ten distinct varieties of Dianthus, annual, biennial and perennial, **75c.**

ECHEVERIA

328 **Metallica**—A dwarf, succulent, greenhouse perennial, for bedding out during summer, with broad bronze fleshy leaves. Pkt **25c.**

Perennial Larkspur

Annual Larkspur

Single Sweet William. Pkt **5c**

Double Sweet William. Pkt **10c.**

Eschscholtzia

ELICHRYSUM (Everlasting)

Per Pkt

329 **Golden Ball**—1' food high bright yellow flowers 5
330 **Snowball**—White flowers 5
331 **Fireball**—Scarlet flowers 5
332 **Dwarf Mixed**—(Compositum minimum)—Quite distinct 5
333 **Tall Double Mixed**—(Monstrosum fl. pl.) 3 feet high 5

ESCHSCHOLTZIA (California Poppy)

Very showy hardy annual, flowering abundantly until very late in autumn similar to poppies of dwarf growth, succeeding in any soil.

334 **Californica**—Orange 5
335 **Rose** colored 5
336 **White** 5
337 **Mandarin**—Brilliant scarlet, distinct 5

ECCREMOCARPUS (Calampelis)

338 **Scaber**—A rapid-growing tender annual, with pretty foliage and clusters of handsome scarlet flowers 10

ERYTHRINA (Coral Plant)

339 **Crysta Galli**—An ornamental, half-hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 feet high 10

Gaillardia Picta Lorenziana

EUPHORBIA (Snow-on-the-Mountain)

Per pkt

340 **Variegata**—Half-hardy annual, 1½ feet high, showy, excellent for borders 10
341 **Heterophylla**—(The gorgeous Annual Poinsettia), "Mexican Fire Plant," or "Fire-on-the-Mountain." 3 pkts for **25c** 10

EVERLASTING (Mixed)

342 A single packet will supply a great variety of the most attractive Everlasting Flowers. 3 pkts for **25c** 10

Everlasting Pea (See Lathyrus).
Evening Primrose (See Enothera)

FERNS

343 To raise them from seed is very interesting; full directions are printed on the packages. A choice mixture of hardy kinds 15

Collection of Ferns—Twelve varieties, **$1.50.**
Feverfews (See Matricaria). **Four O'clocks** (See Marvel of Peru).

FRAGARIA

344 **Indica** (Indian Strawberry)—A yellow-flowering, half-hardy, perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets 10

FREESIA

345 **Refracta Alba**—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white with yellow throat and exquisitely fragrant. Three pkts **25c, or** 10

FORGET-ME-NOT

Charming little hardy perennial plants, with an abundance of star-like little flowers, well adapted for small beds, hanging baskets and rockeries.

346 **Alpine** — (Myosotis alpestris)—4 ins. high, delicate sky-blue .. 5
347 **Victoria**—The flowers are large and of a bright azure blue with yellow centres. The plants form neat bushes completely covered with flowers, a valuable variety for cut flowers and pot culture .. 10
348 **Semperflorens**—A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue, 8 inches 10
349 **Compact Blue**—9 in. high 10
350 **Dark Blue** (azorica)—Flowers half an inch across; rich torquoise blue, without eye 10
351 **White Flowering** 10
352 **Clear Blue** (dissitiflora)—One of the best of all the Forget-me-nots. It is of a remarkably compact habit, profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue 10
353 **Palustris**—Beautiful blue flowers, 1 ft. suitable for swamp ground .. 5

FUCHSIA

354 (Lady's Ear Drop). A pre-eminently beautiful popular greenhouse or parlor plant. Variegated mixed 25

GERANIUM

355 **Zonale**—Scarlet sorts mixed 10
356 **Double, Mixed**—This seed will produce a large percentage of double flowers of extra fine colors 25
357 **Apple-Scented**—This fragrant variety can only be grown from seed to form fine plants 15
358 **Pelargonium, Mixed**—From fancy and spotted varieties 25

GILIA

Hardy annual; very free flowering; suitable for growing in masses.

359 **Achillæfolia Rosea**—2 ft. high, rosy flowers 5
360 **Capitata**—2 ft., sky blue 5
361 **Tricolor**—1 ft., white, lilac and purple 5

GAILLARDIA

Per pkt

Truly elegant, half-hardy biennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of Cockades.

362 **Picta Grandiflora**—The largest flowering variety of these popular annuals, very showy, many colors mixed 10
363 **Picta Lorenziana**—The ray and disc flowers of this new variety develop into tubular funnel-shaped florets one above another 10
364 **Hybrida Maxima**—These are the choicest of hardy perennials; flowers are large, numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet, and vermillion, and very often a combination of all these colors in one flower.
365 **Single Mixed Perennial** 10
366 **Semi-double Perennial** 10

GAMOLEPIS

367 **Tagetes Pumila**—Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers 10

GENTIANA

368 **Acaulis**—Short stemmed, hardy perennials, much used for edging; flowers dark blue 10

GLAUCIUM (Horn Poppy)

369 **Corniculatum**—Ornamental, hardy, robust, perennial foliage plants, bordering 10

GLOBE AMARANTHUS (Gomphrena Globosa)

Handsome favorite, hardy everlasting annuals, flowering freely the whole summer.

370 **Bright Purple**—Flowers 18 ins. high 5
371 **White** 5
372 **Variegated** 5
373 **Orange Yellow** 5

GLOXINIA (Hybrida Crassiflora)

Bulbous-rooted plants, producing in great profusion during summer months large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

374 **Grandiflora**, with erect flowers—A mixture of the finest spotted and blotched varieties. Pkt **25c.**

For Gloxinia bulbs see page 72.

Gloxinia Grandiflora, with erect flowers

GREVILLEA (Silk Oak)

375 **Robusta** — Very beautiful and graceful foliage highly valued as a decorative plant for table and tropical lawn effects, tender perennial, 3 to 5 feet. Pkt **10c.**

GODETIA

Ornamental hardy annuals, 2 feet, various shades of lilac and purple.

376 **Insignis**—Large flowered, mixed 5
377 **Lady Albemarle**—Crimson, edges of the petals suffused with pale lilac, dwarf 5
378 **Lady Satin Rose**—Unequalled for brilliancy and richness of colors. The flowers are of a brilliant deep very rosy pink, the surface shining like satin 5
379 **Crimson Glow**—Compact, 9 inches high, intense crimson flowers. 15

GOLDEN FEATHER (See Pyrethrum)

GRASSES (Ornamental)

380 **Briza Maxima** 5
381 **Bromus Brizaeformis** (Brome Grass) 5
382 **Coix Lachrymae** (Job's Tears) 10
383 **Gynerium Argenteum** (Pampas Grass) 10
384 **Lagarus, Ovatus** (Hare's Tail Grass) 5
385 **Stipa Penata** (Feather Grass) 10
386 **Ornamental Grasses** — Mixture 10

Ornamental Gourds

GOURDS (Ornamental)

387 **Angora**—The foliage is dense and the fruits are spotted white of the most curious shapes and colors. They are very desirable. Pkt **5c**, oz **30c**.

388 **Flat Corsican**—Fruit in form of flat bottles. Pkt **5c**, oz **30c**.

389 **Dipper or Syphon**—Pkt **5c**, oz **30c**.

390 **Herculean Club**—Fruit like large clubs. Pkt **5c**, oz **30c**.

391 **Bottle**—Pkt **5c**, oz **30c**.

392 **Orange**—Pkt **5c**, oz **30c**.

393 **Pear**—Pkt **5c**, oz **30c**.

394 **Striped Flat**—Green striped, very pretty. Pkt **5c**, oz **30c**.

395 **Nest Egg**—Pkt **5c**, oz **25c**.

396 **Serpent**—Fruit from 5 to 6 feet in length, which when ripe becomes a brilliant carmine color. Pkt **10c**, oz **40c**.

397 **Mixture** of the above. Pkt **5c**, oz **25c**.

Customers' Selection of 6 Pkts 25c.

GYPSOPHILA

Hardy annuals or perennial plants, producing multitudes of tiny white, extremely neat in bouquets.

398 **Elegans, Mixed**—Annual, 2 feet high. Pkt **5c**.

399 **Paniculata** (Baby's Breath)—White, fine for bouquets, perennial. Pkt **5c**.

HELIANTHUS or SUNFLOWER

400 **Nanus, fl. pl.**—Dwarf variety, about 2½ feet high, flowers very double, rich golden yellow, 5 to 7 inches across. Pkt **5c**, oz **30c**.

401 **Annuus, fl. pl.**—Tall, large and very double. Pkt **5c**, oz **30c**.

402 **Double Chrysanthemum-Flowered**—An excellent plant for the lawn, shrubberies or any other place where color effect is desired. The plants grow 6 or 7 feet high, and produce a great number of double flowers of various sizes. Pkt **5c**, oz **15c**.

403 **Ever-Blooming "Stella"**—This new annual 3 to 4 feet high, produces its flowers in the greatest abundance all through the summer till late in the fall. They are 2½ to 3 inches across, borne on long stems, purest golden yellow with a black disc. Pkt **5c**.

404 **Cucumerifolius, Miniature Sunflower**—Small flowered, dwarf, single sunflower, rich yellow, an abundant bloomer. Pkt **5c**.

405 **Oculatas, fl. pl.**—Very double, tall, yellow, green centre. Pkt **5c**.

406 **Globosis Fistulosis**—Flowers from 12 to 15 inches in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt **5c**, oz **20c**, ¼ lb **60c**.

407 **Multiflorus**—Hardy perennial, 5 to 6 feet high. Pkt **5c**.

408 **Mammoth Russian**—As the name implies, of gigantic dimensions both of flower and stalk; seeds are used largely for chicken feed. Pkt **5c**, ¼ lb **10c**, lb **25c**.

HELIOTROPE

409 **Lemoine's Giant Hybrids**—Their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo. Per pkt **10c**, 3 pkts for **25c**.

410 **Peruvianum**—Popular indoor or greenhouse plant of low growth and deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt **10c**.

Heliotropium Peruvianum Pkt **10c**.

HELIPTERUM

411 **Sandfordii**—Pretty dwarf everlastings, with bright yellow flowers. Half-hardy annuals. Pkt **10c**.

HIBISCUS

A hardy free flowering annual, 2 feet high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed beds of flowers.

412 **Africanus**—(Calisureus). Pkt **5c**.

413 **Syriacus**—(Double Rose of Sharon)—White and purple. Pkt **10c**.

414 **Crimson Eye**—Pure white with a large spot of velvety crimson in the centre of each flower; hardy perennial. Pkt **10c**.

Tall Double Sunflower. Pkt **5c**.

HESPERIS or ROCKET

(Dame's Violet)

415 **Matronalis**—Popular hardy, fragrant flowering, perennial, 2 feet high. Mixed colors. Pkt **5c**.

HOPS

416 **Japanese Variegated**—The first color is bright deep green distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy-white, and another one not far away, almost green. Pkt **10c**, 3 for **25c**.

417 **Humulus Japonicus**—Green-leaved Japanese hop. Pkt **5c**

HONESTY

418 **Lunaria Rediviva**—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments. 2 feet high. Pkt **10c**.

HUMEA

419 **Elegans**—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centre of beds it is most effective; half-hardy biennial. Pkt **10c**.

HUNNEMANNIA

420 **Fumariæfolia, Bush Eschscholtzia** (Yellow Tulip Poppy)—The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers, 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Pkt **10c**.

IMPOMŒA—(See Morning Glory and Cypress Vine).

ICE PLANT—(See Mesembryanthemum).

IMPATIENS SULTANA

421 **Zanzibar or Sultan's Balsam**—Planted in open ground in June it grows luxuriantly, flowers with the greatest profusion. Brilliant rosy scarlet. Pkt **15c**.

IPOMOPSIS (Standing Cypress)

Stems 2 feet high. Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

422 **Elegans**—Mixed, pkt **5c**.

KALANCHOE CARNEA

423 This beautiful decorative plant attains a height of about 18 inches and is of a good bushy habit. The pink flowers are of wax-like cons stency, last a long time in perfection and are deliciously fragrant. Pkt **20c**.

KAULFUSSIA

424 **Ameloides**—A pretty dwarf hardy annual, 6 inches high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt **5c**.

KOCHIA (Burning Bush)

425 **Tricophylla**—Popularly known as Belvidere or Summer Cypress; an annual, 2½ feet high, of dense, close growth, resembling a clipped evergreen; completely covered in the fall with crimson flowers. Pkt **10c**.

LANTANA

426 **Hybrida**—Fine mixed. A rapid-growing indoor shrub, for bedding during summer, 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt **5c**.

LARKSPUR—(See Delphinium).

Hunnemannia or Yellow Tulip Poppy Pkt **10c**.

Japanese Variegated Hop Pkt **10c**, 3 for **25c**.

LAVATERA

427 **Hybrida**—Handsome, free flowering, upright growing hardy annual, of the Mallow tribe, crimson rose flowers. Pkt **5c**.

LAVENDER

428 A hardy plant, bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials from 1 to 2 feet. Pkt **5c**.

LAYIA

429 **Elegans**—A pretty and attractive little hardy annual, for cut flower purposes. The rays of the flower heads are bright yellow with white tips. Pkt **10c**.

LILY OF THE VALLEY

430 (Convallaria). Pkt **10c**.

Lemon Verbena—(See Aloysia).

Kochia Tricophyll. Pkt **10c**. (very ornamental).

HOLLYHOCKS

(Althæa Rosea)

One of the grandest summer and autumn flowering plants, bearing long spikes of double white, red, pink and yellow flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivalled collection of choicest improved double varieties.

431 **CHATER'S DOUBLE MIXED**—Most beautiful variety. Pkt **10c.**

432 **Chater's Double White**—Pkt **10c.**

433 **Chater's Double Yellow Shades**—Pkt **10c.**

434 **Chater's Bright Red**—Pkt **10c.**

435 **Chater's Bright Pink**—Pkt **10c.**

Chater's Extra Double Hollyhock. Pkt **10c.**

ALLEGHANY HOLLYHOCKS—The flowers of this variety are from 4 to 6 inches in diameter, running from semi-double to double. The colors are shell pink, rosy and ruby red.

436 **Mixed**—Pkt **10c,** 3 for **25c.**

Hollyhocks—Chater's Prize Collection, 1 pkt each, 12 distinct colors, 60 cents.

For Hollyhock plants to flower this year, see plant list.

LOBELIA

Dwarf or Compact Varieties

Little round, compact plants fine for edgings, ribbon beds, etc., 4 to 6 inches high.

437 **Prima Donna**—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Pkt **10c,** 3 for **25c.**

438 **Crystal Palace**—Dark blue, fine for beds. Pkt **10c.**

439 **White Gem**—Pure, white, compact, habit. Pkt **10c.**

440 **Emperor William**—Blue, white eyes. Pkt **10c.**

TRAILING VARIETIES.

Branching plants for hanging over vases and baskets, 6 to 9 inches high.

441 **Gracilis**—Light blue, slender, trailing stems, grown for baskets. Pkt **5c.**

442 **Erinus Grandiflora Stellata, or Paxtoniana**—Large blue flowers, white eye. Pkt **10c.**

443 **Erinus Speciosa**—Large, free flowering, sky blue, white centre. Pkt **10c.**

HARDY PERENNIAL VARIETIES.

444 **Fulgens** (Queen Victoria)—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Pkt **10c.**

445 **Cardinalis**—Scarlet, native of Canada. Pkt **10c.**

LIMNANTHES

446 **Douglassi**—Easily grown, free flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; hardy annuals. Pkt **10c.**

LINARIA

(Kenilworth Ivy)

Very pretty, hardy annual or perennial, trailing or low growing plants.

447 **Alpina**—Perennial, lilac shaded. Pkt **10c.**

448 **Cymballaria** (Kentucky or Kenilworth Ivy)—Perennial, purple and white. Pkt **10c.**

449 **Hendersonii**—Annual. 1 foot high; lilac and yellow shaded flowers. Pkt **5c.**

Kenilworth Ivy. Pkt **10c.**
(Linaria Cymballaria)

Flowering Flax. Pkt **5c.**

LINUM (Flowering Flax)

Free flowering hardy annual or perennial.

450 **Grandiflorum Rubrum**—Crimson. Pkt **5c.**

451 **Perenne**—Perennial blue. Pkt **5c.**

LOPHOSPERMUM

452 **Scandens**—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Pkt **10c.**

LOVE-IN-A-MIST (Devil-in-the-Bush)

453 **Nigella Damascena**—Popular hardy annuals of low growth, handsome in bouquets. Blue and white mixed. Pkt **5c.**

LUPINUS or LUPIN (Sun Dials)

Desirable plants for bedding and bouquets, long graceful flower spikes richly colored pea-shaped flowers, white, blue, rose, yellow, etc.

454 **Mixed Annual Varieties**—Pkt **5c.**

455 **Perennial Mixed Blue and White**—Pkt **5c.**

LYCHNIS

Beautiful hardy, biennial and perennial plants, 3 feet high, remarkable, conspicuous heads of brilliant scarlet-shaded flowers.

456 **Chalcedonica**—Perennial, bright scarlet flowers. Pkt **5c.**

457 **Grandiflora Gigantea**—A variety of the preceding of dwarf nature, and with many large flowers. Pkt **10c.**

MALVA

458 **Moschata Alba**—(White Musk Scented Mallow)—An attractive garden plant: grown into a pyramidal bush; produces numerous white flowers size of a silver quarter. Thrives best in a warm situation. Pkt **10c.**

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

459 **Grandiflora**—White and rose, mixed. Pkt **10c.**

MARTYNIA

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

460 **Formosa**—Mixed. Pkt **5c.**

MARVEL OF PERU

(Four O'clock)

461 (Mirabilis Jalappa)—Beautiful half-hardy annuals, 3 feet high; flowers are fragrant, especially in the evening. In many shades of white, red, yellow and blue, mixed. Pkt **5c.**

Dwarf Double French Marigold

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but alway being showy, desirable border plants.

462 **Eldorado, Tall** (Double African)—The handsomest of the Marigolds, its colors ranging from palest yellow to the deepest orange; flowers large, almost round, and very double. Pkt **10c.**

463 **Dwarf Double African**—1 foot high, orange color. Pkt **5c.**

464 **Tall Double African**—2 feet high, orange color. Pkt **5c.**

465 **Tall Striped Double French**—2 feet high, yellow flowers, with a broad stripe on each petal. Pkt **5c.**

466 **Dwarf Double French**—1 foot high, flowers velvety brown, finely edged yellow. Pkt **5c.**

467 **Gold Nugget, Double French**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Pkt **5c.**

468 **Legion of Honor, French**—The plants grow 9 inches high, and will bloom from the middle of summer until late in fall. Flowers rich golden yellow marked with velvety brown. Pkt **10c.**

MATHIOLA (Evening Scented Stock)

469 **Bicornis**—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Pkt **5c.**

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy-like double white flowers, 1 foot high.

470 **Capensis—fl. pl.**—Bridal rose, double white, daisy-like flowers. Pkt **5c.**

471 **Eximea Nana Aurea Crispa, fl. pl.**—Dwarf growing with golden yellow leaves exquisite for bordering. Pkt **10c.**

MAURANDIA

472 **Maurandia, mixed blue shades and white**—The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture. Pkt **10c.**

473 **MELILOTUS—Suavelons**—Sweet Clover. Pkt **5c.**

MELOTHRIA

474 **Punctata** (African Oak-leaved climber)—A magnificent, rapid-growing climbing annual. Flowers are succeeded by great numbers of blue-brown berries Pkt **25c.**

Lobelia Crystal Palace Compacta. Pkt **10c.**

Machet Mignonette. Pkt 10c.

MIGNONETTE

(Reseda Odorata)

Most popular fragrant flowering hardy annuals of trailing habit and graceful in appearance; indispensable in every garden.

475 **Large Flowered**—sweet scented. Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.25.**

476 **Mile's Spiral**—Of dwarf habit, branching, large flowered spikes. Pkt **10c.**

477 **Parson's White**—Stamens white, flowers large and fragrant. Pkt **10c.**

478 **Golden Queen**—An entirely distinct sort of dense pyramidal habit, with golden yellow flowers, which give it a most attractive appearance. Pkt **5c.**

479 **Compact Dwarf** — Of upright, compact branchy growth, almost circular, with reddish tinted numerous flowers. Pkt **5c.**

480 **Gabrielle** — New, red, very sweet, spikes very thick. Pkt **5c.**

481 **Bird's Mammoth** — Under proper cultivation the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. Pkt **10c.**

482 **Bismark or Improved Machet**—The flowers are borne on long stems, high above the thick, dark green, somewhat corrugated foliage, the bushes do not exceed one foot in height, the flowers are of a reddish hue, and very sweet scented. Pkt **10c**, 3 for **25c**, oz **60c.**

483 **Defiance**—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of large size and stand out boldly. Pkt **10c**, 3 for **25c**, oz **60c.**

484 **The Prize**—This is a very distinct variety the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red. Pkt **10c.**

485 **Machet**—Vigorous dwarf pyramidal plants, very stout flower stalks, with numerous dark green leaves, terminating in long spikes of deliciously scented red flowers. Best for pot culture and valuable for borders. Pkt **10c**, oz **60c.**

486 **Giant Red, or Paris Market**—Its enormous flower spikes are of the largest size, the individual blossoms of an intense red color are very sweet scented. One of the best for cut flowers and pot culture. Pkt **10c.**

MESEMBRYANTHEMUM

A pretty little trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

487 **Crystallinum**—Ice plant. Pkt **5c.**

488 **Tricolorum**—Dew or wax plant. Small pink flowers. Pkt **5c.**

489 **Cordifolium**—Large rosy purple flowers, good for hanging baskets, heart-shaped variegated leaves. Pkt **5c.**

MUSA ENSETE (Abyssinian Banana)

490 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of **5** seeds. **25c.**

MOONFLOWER

491 **Ipomœa Noctiflora**—Bears in the greatest profusion its lovely white flowers, 5 to 6 inches in diameter, with five-pointed star the centre flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring. Pkt **10c.**

MIMULUS (Monkey Flower)

Extremely handsome, dwarf growing, half-hardy biennials with delicate large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

Monkey Flower (Mimulus Cupreus). Pkt 5c

492 **Cupreus**—Spotted and blotched flowers on yellow ground. Pkt **5c.**

493 **Simmers' Mammoth**—Unequalled for beautiful colors. Tigered and spotted. Pkt **15c.**

494 **The Emperor** — The flowers are remarkably rich and varied in color, of a semi-double appearance. Pkt **15c.**

Mimulus Moschatus—(See Musk Plant).

MINA LOBATA

One of the handsomest climbers.

495 A charming Mexican climber which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tubular-shaped, borne on fork-like racemes. Seed must be sown early. Pkt **10c.**

MOMORDICA

(Balsam Apple)

496 **Momordica Balsamina**—A trailing or low-climbing, half-hardy annual, the fleshy fruits infused with sweet oil, being famous for curing wounds. Pkt **5c.**

MUSK PLANT

497 **Musk** (Mimulus Moschatus)—This fragrant and universally favorite little plant with its yellow flowers, is well known and is equally at home in sitting-room, green-house or garden, half-hardy perennial. 9 inches high. Pkt **5c.**

MORNING GLORY (Ipomœa)

Magnificent hardy annual climbers, very free flowers, trumpet-shaped, rich shades.

498 **Morning Glories, all colors mixed**—Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c.**

499 **Mexican Mixed**—Large flowering. Pkt **5c.**

500 **Variegated Leaved** — With silvery white marbled leaves, distinct. Pkt **10c.**

501 **Coccinea**—Scarlet, feathered leaves. Pkt **10c.**

502 **"Heavenly Blue" or Sky Blue Mexican**—Foliage very large, heart-shaped; flowers 4 to 6 inches across in large clusters, light blue with a yellow throat suffusing softly into blue. Also a splendid conservatory climber. Pkt **10c.**

503 **Learl, "The Blue Dawn Flower"**—Most beautiful bearing clusters of the most lovely sky-blue flowers 5 to 6 inches across. Pkt **10c.**

For the newer varieties of Morning Glory see Novelties.

Morning Glories. Pkt 5c.

Nemophila

NEMOPHILA (Love's Grove)

Of neat, compact habit, blooming freely all summer. If thinned to 4 in. apart the plants will present a dense mass.

504 **Mixed**—Blue, white, violet, etc. Pkt **5c.**

NICOTIANA (or Tobacco Plant)

The following are very ornamental half-hardy annuals and are very desirable.

505 **Grandiflora Purpurea**—Large massive foliage, dark purple, red flowers. Pkt **5c.**

506 **Affinis** (Sweet-scented Tobacco Plant)—Produces an abundance of large, pure white flowers that expand fully in the morning and evening, emitting a delicious fragrance. Pkt **5c.**

507 **Sanderae, Hybrids** — A splendid type in a great variety of colors.

Pkt. **10c**, 3 for **25c.**

508 **SYLVESTRIS**—Annual of robust, branching habit, about 3 or 4 feet high; foliage large and dark green; flowers pure white. The flowers emit a very delicious perfume.

Pkt **10c**, 3 pkts **25c.**

509 **COLLOSSEA**—Attains a height of 5 to 6 feet during one summer; immense leaves, at first rose and violet, afterwards changing to deep green with red veins.

Pkt **10c**, 3 pkts **25c**

Nicotiana Affaina

SIMMERS' SUPERB NASTURTIUMS

TALL OR CLIMBING VARIETIES

Elegant and luxurious climbers for verandahs, trellises, etc., bearing the gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling. 6 to 10 feet. (See cut).

510 **Simmers' Special Mixture**—Pkt **5c**, oz **10c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.00.**
511 **Yellow**—Very fine.
512 **Dark Brown**—Crimson.
513 **Hemisphæricum**—Fine, orange.
514 **Edward Otto**—Brownish lilac.
515 **Golden Leaved**—Scarlet flowers.
516 **Heinemanni**—Silky bronze chocolate
517 **Moltke**—Bluish pink.
518 **Pearl**—Creamy White.
519 **Prince Henry**—Cream color, spotted red.
520 **Regelianum**—Violet crimson.
521 **Scheurmanni**—Straw color, striped yellow and crimson.
522 **Schillingi**—Bright yellow, maroon blotches.
523 **Vesuvius**—Brilliant, fiery rose, very effective

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 15c, 2 oz 25, ¼ lb 40c.

Tall or Climbing Nasturtium

IVY-LEAVED TRAILING NASTURTIUM

524 Distinct in both leaf and flower. The leaf has the true Ivy shape, as well as the beautiful dark green metallic hue. Crimson-scarlet flowers, veined white and having narrow petals with feather edges. Profuse bloomer. Especially graceful in vases, window and verandah boxes. Pkt **10c**, ½ oz **15c** oz **25c**.

MADAME GUNTHER HYBRIDS

525 For richness and variety of colors these new Hybrids have no equals among Climbing Nasturtiums. Some of the most striking colors are as follows—white, shaded carmine on the edges, with deep maroon throat; golden-yellow, shaded brown on edges; yellow, shade and mottled with carmine; white, with red blotches, shrimp pink, with deep maroon throat; shrimp pink, self-color; rose, bright rose, bright yellow, orange, and a great many other shades not found in any other mixtures, all contrasting beautifully with the dark foliage which predominates in this class.
Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **40c**, lb **$1.50.**

Hybrids of Madame Gunther Nasturtium

LOBBS' CLIMBING NASTURTIUMS

Trapæolum Lobbianum

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for trellises, arbors and vases, etc., also for greenhouses or conservatory decoration in winter; annual, 6 to 10 feet.

526 **Asa Gray**—Primrose yellow.
527 **Brilliant**—Dark scarlet.
528 **Chaixianum**—Yellow, spotted red.
529 **Giant of Battles**—Sulphur with dark red blotches.
530 **Zandiri Nigrinum** or King of the Blacks—Black maroon.
531 **Crown Prince of Prussia** (Mutabile)—Bright scarlet.
532 **Lucifer**—Dark purplish crimson.
533 **Napoleon III.**—Golden spotted with brown.
534 **Atropurpureum**—Purple violet flowers.
535 **Spitfire**—Brilliant light scarlet.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 25c, 2 oz 35c, ¼ lb 60c.

536 **LOBBIANUM, FINEST MIXED**—This mixture is composed of the finest and most distinct varieties in this grand free flowering type. Planted in masses it will produce most gorgeous effects. Pkt **5c**, oz **10c**, 2 oz **20c**, ¼ lb **30c**, lb **$1.00.**

"JUPITER" KING OF NASTURTIUMS

537 **Giant Flowered Climbing Nasturtium**—The plants are very strong and vigorous with a large green foliage. The great, rich pure yellow flowers measure three and a half inches across. The petals are large, one and a half inches in diameter, they overlap and are exquisitely and deeply crinkled like crepe. Pkt **10c.**

NEW CHAMELEON NASTURTIUM

When a plant of this novel sort is in full bloom, one can find upon it flowers of almost every shade of color and form of marking known to Nasturtiums. No matter what color a flower may be when it opens, it is continually changing until it fades. We can supply this variety both tall and dwar
538 **Tall**—Pkt **10c**, oz **25c.** 539 **Dwarf**—Pkt **10c**, oz **25c.**

TOM THUMB, DWARF, OR BEDDING VARIETIES

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, colored flowers and free-blooming and long lasting qualities, together with their adaptability to almost any soil or situation make them unsurpassed for garden decoration. 1 foot high.

540 **Simmers' Special Dwarf Mixture**—Pkt **5c**, oz **15c**, 2 oz **25c**, ¼ lb **35c**, lb **$1.25.**
541 **Aurora**—Deep Crome yellow, the two lower petals blotched and veined carmine.
542 **Beauty**—Scarlet, splashed canary.
543 **Bronze Color**—Coppery bronze.
544 **Cloth of Gold**—Scarlet flowers and golden yellow foliage.
545 **Crimson Rose-colored**—Dwarf.
546 **Crimson.**
547 **Yellow.**
548 **Empress of India**—Very dwarf dark tinted foliage, flowers brilliant crimson.
549 **King Theodore** — Intense dark brown flowers.
550 **King of Tom Thumbs**—Scarlet.
551 **Lady Bird**—Orange yellow and red spots.
552 **Pearl White**—Cream color.
553 **Prinz Heinrich**—Cream color, spotted red.
554 **Regelianum**—Purple violet.
555 **Rugy King**—Crimson rose, distinct foliage.
556 **Spotted King**—Orange spotted crimson.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c, 2 oz 30c.

Dwarf Nasturtium

SIMMERS' PHLOX DRUMMONDII

IMPROVED LARGE FLOWERING VARIETIES

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length and duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; 1½ feet.

557 **Grandiflora**—This strain of mixed, large flowering Phlox is noteworthy for variety and brilliancy of colors. Finest mixture. Pkt **5c**, ¼ oz **20c**, oz **60c**.

Pkt

558 **Discoidalis Grandiflora Mixed** — Larger and more numerous flowers, specially adapted for growing in pots.. 10

559 **Delicata** — Delicate rose, white eye 10

560 **Black Warriot**—Atropurpurea, dark red, nearly black..... 10

561 **Coccinea**—Bright, scarlet..... 10

562 **Princess Royal**—Light purple with white streaks, very brilliant..... 10

563 **Isabel**—Nankin Yellow..... 10

564 **Leopoldi**—Bright rose with white eyes 10

565 **Washington**—Violet purple with blackish brown and white throat, beautiful.. 10

566 **Quadricolor**—Purple throat, violet eye with a white and reddish lilac ring.... 10

567 **Radowitzii**—Rosy red, striped white.. 10

568 **Rosea**—Deep rose..... 10

569 **White**—Large flowering..... 10

570 **William I.**—Bright crimson, with stripe 10

571 **Collection**—Of 12 Grandiflora colors.. 75

572 **Collection**—Of 6 Grandiflora colors.. 40

Pkt

573 **STAR-SHAPED PHLOX**—"Star of Quedlinburg. Flowers regular star-like form. Plant of compact habit, large umbels of flowers; novel and beautiful mixed colors..... 10

574 **FRINGED PHLOX "FIMBRIATA"** —A distinct variety resembles the ordinary Phlox Drummondii; flower bordered white, which with bright eyed centre picturesquely contrast with the magnificent velvety colors; more than 25 distinct colors..... 10

DWARF PHLOX

575 **Dwarf Scarlet (Fireball)**..... 10

576 **Dwarf White (Snowball)**..... 10

577 **Dwarf Mixed**..... 10

DOUBLE PHLOX

578 **Double Scarlet**—With semi-double and double flowers; the trusses and individual flowers are equal in size to those of the dwarf compact varieties..... 10

579 **Double White**—A profuse bloomer.... 10

580 **Perennial Mixed, Decussata**—Fine mixture..... 10

Phlox Drummondii, Large Flowering. Pkt **5c.**

PORTULACA

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of reds, yellows and whites, and are produced throughout the summer in great profusion; fine for massing in beds, edging or rock work; 6 inches.

581 **Splendens**—Single flowering, brilliant colors..... 5

582 **Double Flowering**—Choice mixture.. 10

Collection of one pkt each six distinct and brilliant colors, single..... 30

Double Portulcaa. Pkt **10c.**

NIEREMBERGIA

583 **Gracilis Frutescens**—A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases, or bedding out; 1 ft. White tinted with lilac. Pkt **10c.**

Nigella—(See Love-in-a-Mist).

NOLANA

584 Very pretty annual, trailing habit, with Morning Glory like flowers, well adapted to rock work, 6 inches, hardy annual, mixed colors. Pkt **5c.**

OXALIS

Delicate half-hardy annual, and perennial, low growing plants with leaves like Shamrock.

585 **Mixed**—9 in. high, rosy flowers, annual. Pkt **10c.**

586 **Tropæoloides** (Corniculata)—Short trailing annual, leaves distinctly marked brown-purple yellow flowers. Pkt **5c.**

587 **Valdiviana**—Perennial, flowering in the first year, bright yellow, sweet-scented. Pkt **10c.**

ŒNOTHERA

588 **Fine Mixed** ("Evening Primroses" or "Sun Drops"). Large white and yellow showy flowers, various shades, hardy annual. 1 to 2 feet. Pkt **5c.**

PERILLA

Ornamental half-hardy annual, deep, dark, purplish red foliage, for border or indoors.

589 **Nankinensis**—Leaves deep mulberry or purplish black, 1 foot high. Pkt **5c.**

590 **Variegata**—With leaves finelv variegated and veined. Pkt **10c.**

PICOTEE PINKS

Well known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated. 1 foot high, half-hardy perennials.

591 **Mixed**—Pink or white, best double quality. Pkt **25c.**

592 **Pure White**—Pkt **25c.**

PLATYCODON (or Wahlenbergia)

Hardy perennials producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

593 **Mixed**—Blue and white. Pkt **10c.**

Palma Christi (See Castor Oil Bean).

PENTSTEMON

Very hardy attractive perennial for beds, borders and cut flowers. The flowers are half-pendant bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during the winter.

594 **Finest Hybrids**—A splendid mixture of brilliant colors varying from pure white to deep crimson. Pkt **10c.**

595 **Gloxinoides**—Distinct in point of size of flower, individual flowers measuring 2 inches across, variety and brilliancy of color and profusion of bloom. It has been named because of the resemblance of the individual flowers to Gloxinias in their substance, form and variety of coloring. Sown early they come into flower in July and continue a blaze until frost. (See cut.) Pkt **10c.**

PHYSALIS FRANCHETI

596 **Japanese Giant Winter Cherry**—About 18 inches high. The branches are all covered with luxuriant foliage, and studded with large bright red cherry-like fruits, each enclosed in an enormous balloon-like semi-transparent calyx, about 3 inches long, by 7 to 8 inches in circumference, at first of light green color, then orange and finally crimson. Pkt **10c**, 3 for **25c.**

POLEMONIUM

Ornamental hardy perennials, with sky-like beautiful flowers in bunches.

597 **Cœruleum Grandiflorum Blue**—2 feet high. Pkt **5c.**

598 **Pulchellum Album, White**—1 foot high. Pkt **5c.**

PASSION FLOWER

Splendid greenhouse or parlor climbers; some also for outdoors with curiously-shaped flowers, the appendages of which are supposed to represent the passion of Jesus.

599 **Cœrulea Grandiflora**—For greenhouse or parlor, flowers light blue. Pkt **10c.**

600 **Incarnata** (Southern "May Pops")—Blooms the first season from seed. Flowers two or three inches across, flesh white with purple rays, followed by yellow edible fruits. Pkt **10c.**

Pentstemon Gloxinoides. Pkt **10c.**

PODOLEPIS

601 **Chrysantha**—1 ft., golden yellow. Pkt **5c.**

602 **Superba**—Dark red. Pkt **5c.**

POLYANTHUS

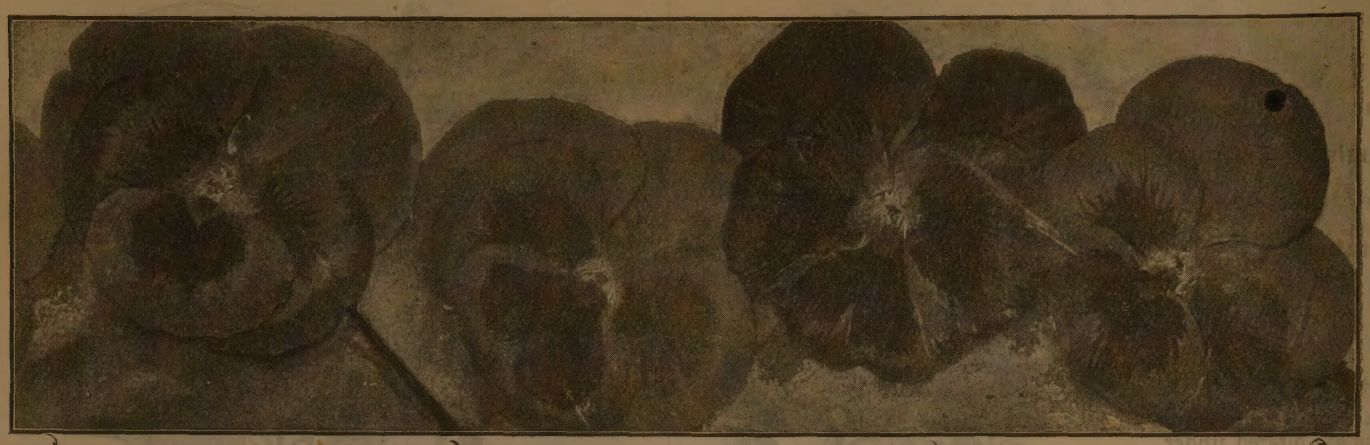
One of our earliest flowering popular, hardy perennials of low growth, particularly suited for edging borders; flowers in an astonishing and great variety of colors, in form of Auriculas.

603 **Goldlaced, Mixed**— The flowers have a clear, even margin or lacing of gold on a ground color, similarly well defined; extra choice, mixed. Pkt **10c.**

POLYGONUM

604 **Oriental**—A hardy, graceful, showy annual, 5 feet high; fit for shrubberies or the centre of borders; rosy crimson, drooping flowers; fine, ight green, heart shaped foliage Pkt **5c.**

Valuable Information—On the culture of Pansies will be found in our Booklet, "Hints on Growing Flowers," sent ***free if requested*** with every **$1.00** order for Flower Seeds, or postpaid, **15c.**



Giant Pansy Mixture. Pkt **15c,** 2 for **25c.** This is a photograph half natural size of our Giant Pansies that were grown in Dawson, Yukon.

SIMMERS' GIANT PANSIES

The term **" Giant Pansies "** does not adequately describe these new strains, for, aside from the large size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only its size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal selection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

Pkt.

605 **Giant Pretiosa**—Each petal has a violet blotch, surrounded by crimson rose ground with white edge. Pkt **15c,** 2 for **25c.**
606 **Giant Auricula Colors**—Very beautiful shadings **10**
607 **Giant Emperor William**—Rich ultramarine blue, purple-velvet eye **10**
608 **Giant Indigo King**—Vivid true indigo, blue color, darker in the centre and becoming lighter towards the edge. 2 pkts **25c** .. **15**
609 **Giant Adonis**—Beautiful light blue, marked with a yellowish-white face and large dark blotches **10**
610 **Giant Dark Blue** **10**
611 **Giant Fire King**—Brilliant red and yellow **10**
612 **Giant Violet Blue** **10**
613 **Giant Canary Bird**—The ground color is a bright golden yellow; each petal marked with a large dark blotch **10**
614 **Giant Striped**—A beautiful mixture, flowers striped and mottled in various tints on contrasting ground **10**
615 **Giant Yellow or Golden Queen**—Very showy color **10**
616 **Giant Purple**—Royal purple flowers, very large **10**
617 **Giant Coal Black**—Of immense size **10**
618 **Simmers' Giant White " Snow Queen "**—Most valuable addition, as it reproduces exactly from seed. We very strongly recommend it, not only for bouquets, but as a very valuable addition to the Pansy family. White, velvet centre **10**
619 **Giant Beaconsfield**—Purple, shading to white. This strain combined with the peculiar coloring of the type, will elicit general admiration **10**
620 **Giant Copper Color**—A most distinct and showy combination **10**

621 **SIMMERS' GIANT PANSY MIXTURE**—This mixture embraces, besides all the shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain, with its delicate veining. We have secured the newest, richest and finest sorts. Pkt **15c,** 2 for **25c,** ⅛ oz **$1.00.**

622 **Giant Paris Market**—The flowers of this strain are as large as the Trimardeau, and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt **10c,** 3 for **25c,** ⅛ oz **60c.**

623 **Giant Bugnot**—The flowers are of enormous size, perfectly round, of great substance, and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other pansy mixture. Pkt **20c,** ⅛ oz **60c.**

624 **Giant Masterpiece**—A remarkable type, the border of each petal being conspicuously curled or waved, giving the flower a doubled or globular appearance. All colors mixed. Pkt **15c,** 2 for **25c.**

625 **Giant Trimardeau**—Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of giant pansies. Pkt **10c,** ¼ oz **40c.**

626 **Giant Cassier**—A mixture of large well-shaped flowers in choice variety, flowers marked with large blotches. Pkt **10c,** ⅛ oz **60c.**

627 **Giant " Butterfly "**—The flowers are very large, of good form and substance, and produced freely. They are mottled and spotted, streaked, tigered, and splashed, while the colors are mainly those rich wine reds, chocolate velvety-brown, lavender, violet, and purple shades, only found in a pansy blossom. Best Fancy Scotch Seed, mixed colors. Pkt **25c,**

Simmers' Collection of Giant Pansies

One pkt each of Giant White, Giant Cassier, Giant Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue and Giant Copper Color, for ..... **60c.**

PREMIUM PANSIES

While the giant-flowered Pansies are great favorites on account of the immense size of their flowers, **Simmers' Premium Pansies** excel in their endless variety of color, combined with perfection of form, and velvety texture and substance of their petals. This strain, most celebrated all over Europe is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them as they embrace all colors and markings.

Pkt

628 **Simmers' Improved Large Flowering Premium Mixture**—Embracing all varieties named in the following list and many other shades and colors. ⅛ oz **60c.** **10**
629 **Odier** (Five blotched)—A magnificent French variety, petals having a large blotch; clearly defined margin; many colors; extra large, ¼ oz **50c** **10**
630 **Gold Margined** **10**
631 **Velvety Crimson Purple** **10**
632 **Bronze Colored** **10**
633 **White Margined**—Purplish-crimson **10**
634 **Quadricolor or Pheasant's Eye**—Flowers are of a reddish steel blue, with red and white edge **10**
635 **Dark Maroon**—Gold margined **10**
636 **Velvety Crimson**—Golden yellow ground and margin **10**
637 **Reddish Brown** **10**

Type of Premium Pansy Mixture.
Pkt **10c.**

638 **Pure Yellow**—Fine for bedding **10**
639 **Cardinal Red** **10**
640 **Peacock**—The upper petals are royal purple, shot with peacock blue, lower petals the same. The two side petals are rich maroon, all being encircled with a delicate tint of terra cotta rose **10**

SIMMERS' PREMIUM PANSIES

Collection of 12 separate beautiful sorts, 1 pkt each, 90c.
Collection of 6 separate beautiful sorts, 1 pkt each, 50c. Any 3 pkts 25c.

PETUNIAS

Our Strains of Single Petunias are the best obtainable.

Plants of Double Petunias are offered under the head of Plants. Page 78.

Simmers' "Perfection" Extra Large Flowering Fringed Petunia. Pkt 25c.

641 **Simmers' "Perfection" Extra Large Flowering Fringed Mixed**—This strain bears grand substantial flowers of the largest size and the colors are indescribably rich and varied. They embrace all colors, from pure white to the darkest blue and deep red, while even flowers with a yellow tint are not unusual. Most of the flowers are beautifully fringed, while all are distinctly veined. In nearly every flower the throat is darker than the balance of the petals, imparting an appearance of great depth and substance. The foliage is remarkably heavy, and the large leaves are of a dark green color. Pkt **25c.**

642 **Emperor**—Very large, wide open blossoms, with colorings and markings very distinct from any other strain. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars, others are distinctly striped. Pkt **15c**, 2 pkts **25c.**

Extra Mottled Strain Single Petunia. Pkt 10c.

643 **White, Large Flowering**—Extra choice, large flowering, white, useful for cemetery work. Pkt **10c.**

644 **Extra Mottled Strain**—Large flowering, mottled and striped. Pkt **10c**, ½ oz **30c.**

DWARF PETUNIAS

645 **Dwarf Inimitable**—"Star Petunia"—Compact growing variety, flowers cherry-red wth a white centre. Pkt **10c.**

646 **Snowball**—Of dwarf, bushy habit, with an abundance of bloom. Flowers purest white. Pkt **10c.**

DOUBLE FLOWERING PETUNIAS

Simmers' Double Large Flowering Fringed Petunia. Pkt 50c.

647 **Simmers' Double Large Flowering Fringed, Mixed**—Our new selected types have deeper and finer fringe brighter and more delicate colorings, of purer tones and greater variety than ever before offered. It is well known that the double Petunia, grown from seed produces but a small percentage of double flowers. The balance are single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers. Pkt **50c.**

648 **Double "Snowball"**—New double white. Pkt **50c.**

649 **Double Mixed**—Seed from double flowers grown in pots. Pkt **25c.**

POPPIES

Shirley or Silk Poppy. Pkt 10c.

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of color.

SINGLE ANNUAL VARIETIES

650 **Tulip**—A magnificent species; the plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet. Pkt **10c.**

651 **Persian** (Papaver Loevigatum)—Color brilliant scarlet, with shining black spots surrounded by a clearly defined white margin at the base of each petal. Height 2½ feet. Pkt **10c**, 3 for **25c.**

652 **Peacock**—The most striking feature of the flowers is the conspicuous glossy zone which marks the petals forming a complete ring. Pkt **5c.**

653 **Admiral**—Glistening pure white with a brilliant scarlet around the top. Pkt **10c.**

654 **"Danebrog" or Maltese Cross**—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large, silvery-white blotch, forming a white cross upon scarlet ground. Pkt **10c.**

655 **Santa Rosa**—Very delicate in color, petals beautifully crimped. Pkt **10c.**

656 **Shirley**—These charming Poppies are generally single, or semi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Pkt **10c.**

DOUBLE ANNUAL VARIETIES

657 **The Mikado** (American Flag)—The petals are whole at the base while the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Pkt **5c.**

658 **Double French or Carnation Flowered**—3 feet high, double. Pkt **5c**, oz **25c.**

659 **Pæony Flowered**—Flowers in color and sizes equal to Pæonies. Pkt **5c**, oz **25c.**

660 **White Swan or Fairy Blush**—18 inches high, enormous pure white double flowers. Pkt **10c**, 3 pkts **25c.**

661 **Golden Gate**—Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Pkt **10c**, 3 for **25c.**

662 **Simmers' "Special" Poppy Mixture**—Comprises not only all the above named and described Poppies, but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display. Pkt **10c**, 3 for **25c**, oz **40c.**

Poppy Collection—10 varieties, double and single, 1 pkt each. **50c.**

HARDY PERENNIAL VARIETIES

Iceland (Papaver Nudicaule)—These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet and have a delicious fragrance.

Oriental Hybrid Poppies

663 White. Pkt **10c.**

664 Yellow. Pkt **10c.**

665 Orange. Pkt **10c.**

666 Mixed. Pkt **10c.**

667 **Oriental Hybrids** (Oriental Poppy)—The colors range from soft flesh and rose to the most dazzling scarlet and richest maroon purple. The flowers are often 6 inches across and endure the longest of any poppy we know. Hardy perennials. Pkt **10c.**

668 **The Great White California Poppy** (Romneya Coulteri)—Perennial of stately beauty. Flowers are large, 4 to 5 inches across, pure white with a fine bunch of yellow stamens. Height, 6 to 8 feet. Pkt **10c.**

Chinese Primrose. Pkt **25c.**

The Chinese Primrose seed we offer is of the highest merit, and has, as usual, been saved from the best strains obtainable.

CHINESE PRIMROSE

For house culture as well as for the greenhouse no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round.

669 **CHINESE PRIMROSE MIXED**—The culture of these lovely flowers is much easier than most people think. Our mixture includes only the choicest colors of the single flowering Primulas in all their dainty shades. Pkt **25c.**

670 **Erecta Superba**—White fringed, borne in bunches well above the foliage. Pkt **25c.**

671 **Kermesina Splendens**—Deep pink, fringed. Pkt **25c.**

672 **Snow Queen**—Finest pure white flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt **35c.**

673 **Carter's Holborn Blue**—A distinct variety, with azure-blue flowers borne above the foliage. Pkt **25c.**

674 **Fern-Leaved**—(Macrophylla Fimbriata)—With long, massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, great variety of colors, mixed. Pkt **25c.**

675 **Punctata Elegantissima**—Crimson, spotted white Pkt **25c.**

676 **WILLIAMS' PRIZE**—Dark red, large fringed flowering; extra fine for pots. Pkt **25c.**

677 **Chiswick Perfection Red or Magenta Queen**—Large brilliant scarlet. Pkt **25c.**

678 **Alba Magnifica**—The finest pure white variety; flowers 2½ inches across with large yellow eye. Pkt **25c.**

679 **Stellata**—(Star Primrose)—The plants remain in flower for a long time, and are very generous bloomers. Finest mixed. Pkt **25c.**

680 **Erecta Superba, Double White**—Double flowering variety of Erecta Superba, single; reproduces well from seed. Pkt **50c.**

681 **Double Mixed**—Pkt **50c.**

Primula Erecta Superba. (Double White)

HARDY PRIMROSES

The popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging and in a great variety of colors.

682 **Vulgaris** — The old-fashioned common yellow primrose. Pkt **10c.**

683 **Japonica** (Japanese Primrose)—Of robust growth, rich magenta flowers. Pkt **10c.**

684 **Cortusoides** (Siberian Primrose)—Early rose-purple flowering hardy perennial. Pkt **10c.**

See also Auricula, Cowslip and Polyanthus

VARIOUS PRIMULAS

685 **Obconica Grandiflora**—One of the most useful plants grown, if sown early in spring will begin to bloom in May or June, and continue throughout the year, flowers soft lilac shade. Pkt **10c.**

686 **Obconica Grandiflora**—White. Pkt **20c.**

687 **Obconica Grandiflora**—Red. Pkt **20c.**

688 **Obconica Grandiflora**—Pink. Pkt **20c.**

689 **Floribunda**—One of the prettiest and best Primroses, same general character as P. Obconica, only a lovely shade of primrose yellow. Fragrant, free blooming. Pkt **10c.**

690 **Primula Forbesi or Baby Primrose** — The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. Pkt **10c.**

Primula Obconica Grandiflora

PYRETHRUM (Feverfew)

YELLOW FOLIAGE SORTS FOR BEDDING

Pyrethrum or Golden Feather. Pkt **10c.**

691 **Parthenifolium Aureum**—Golden yellow dwarf, bedding plant known as **Golden Feather.** Pkt **10c.**

692 **GOLDEN GEM**—The double-flowering variety of the preceding. Pkt **10c.**

693 **Selaginoides**—A beautiful variety, handsome fern-like foliage. Pkt **10c.**

PERENNIAL FLOWERING SORTS

694 **Single Hybrids**—Large flowering mixed. Hardy perennial, bearing large Aster-shaped flowers, ranging in color from light pink to deep red with bright yellow centres; 2 feet. Pkt **10c.**

695 **Double Hybrids**—Large flowering. Colors same as single varieties; mixed, 1½ feet. Pkt **25c.**

ROSES

696 **Dwarf Polyantha or Fairy Rose**—Roses from seed the first year. Seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season. The plants are dwarf and bushy, growing only about 1 foot high and very pretty for solid beds and borders. Pkt **10c, 3 for 25c.**

697 **Mixed Hybrids**—The seed we offer is from the best mixture of hybrid perpetual and moss roses, which flower the second year. Pkt **10c.**

RHODANTHE

One of the neatest of the genus of flowering half-hardy annual everlastings; of low growth, in different shades of bright pink and white, with yellow disc.

698 **Maculata**—1 foot, deep carmine. Pkt **10c.**

699 **Alba** — Pure white. Pkt **10c.**

700 **Atrosanguinea**—Dwarf, purplish crimson. Pkt **10c.**

RUDBECKIA (Texas Cone Flower)

701 **Bicolor Superba**—A hardy annual of compact branching growth, producing flowers about 3 inches in diameter, of a bright yellow, red and blackish purple disc; height of plant about 1½ feet. Pkt **10c.**

702 **Superba Semiplena**—The plants form elegant bushes of 2 to 2½ feet in height covered with large semi-double golden-yellow to brownish-yellow flowers, which have a central dark brown ring and disc. Pkt **10c.**

Rhodanthe Maculata

SALPIGLOSSIS
(Painted Tube Tongue)

One of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors and exquisitely veined and laced; 1½ feet high.

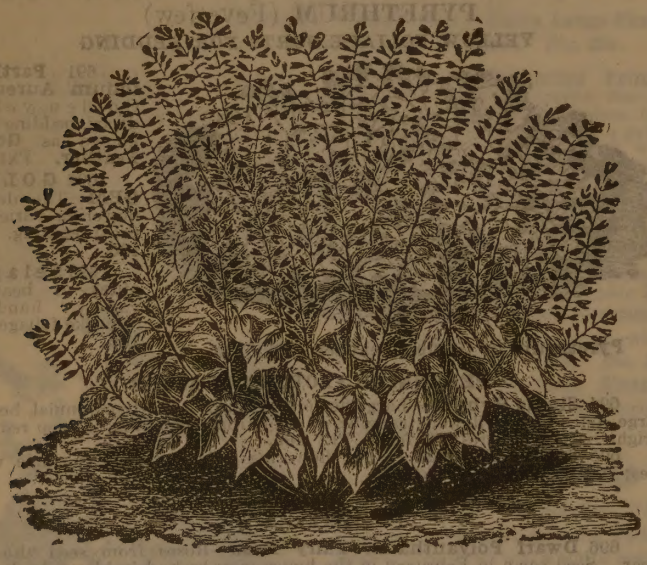
703 **Mixed**—Large flowering Pkt **5c.**

704 **Emperor**—A new type of this beautiful garden annual, growing in upright form. Well-furnished with large petunia-shaped flowers, 3 to 4 inches across, of various colors, all of which are intricately netted and veined with golden yellow. Mixed colors. Pkt **10c.**

Salpiglossis Emperor. Pkt **10c.**

SEDUM (Stone Crop)

705 **Mixed**—Pretty little plants, growing freely on rock or rustic work also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt **10c.**



Salvia, Clara Bedman (Bonfire). Pkt **10c.**

SALVA (Flowering Sage)

Salvia, called flowering Sage, grows freely in any light, rich soil. From eighteen inches to two feet in height. Plants should get a good start in a hotbed, and not be planted out before the weather is warm. Thrifty plants may be potted in the fall for winter blooming.

706 **Splendens** (Large Flowering Scarlet Sage)—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from 1½ to 3 feet in height and form dense bushes, completely covered with showy sprays of most dazzling scarlet flowers. Pkt **10c.**

707 **"Silverspot"**—The leaves are rich, soft dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit and very floriferous. Pkt **10c.**

708 **"Lord Fauntleroy"**—Only 18 inches high; very compact with flower spikes standing clear above the foliage. Fine for bedding in or for borders around beds of taller plants; also fine for pots. Earliest flowering of all. Pkt **15c,** 2 for **25c.**

709 **Clara Bedman** (Bonfire)—The plants form handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant, and are of the most brilliant dazzling scarlet. Pkt **10c,** 3 pkts **25c.**

710 **"Burning Bush"**—A splendid sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfer and more compact in habit, while the flowers are of the brightest scarlet. Pkt **10c.**

711 **Coccinea**—1 foot high, scarlet flowers, annual. Pkt **5c.**

712 **Farinacea**—3 feet, showing long spikes of blue flowers; annual Pkt **10c.**

713 **Patens**—2 feet high, biennial, flowers of purest sky-blue imaginable. Pkt **10c.**

714 **Argentea**—Silver leaves, blue flowers, 2 feet high, beautiful perennial. Pkt **10c.**

SAXIFRAGA

715 **Huetti**—Hardy, perennial of trailing habit, with yellow flowers, for shady places, rockeries or hanging baskets, flowering abundantly and constantly. Pkt **10c.**

SANVITALIA

716 **Procumbens, fl. pl.**—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt **10c.**

Sanvitalia Procumbens, fl. pl. Pkt **10c**

SCABIOSA
(Mourning Bride or Sweet Scabious)

The Mourning Bride or "Sweet Scabious" of our old garden, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. Excellent for bouquets.

717 **Snowball**—The flowers of this pretty Scabiosa are large, measuring fully 2 inches in diameter, of purest snow-white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. Pkt **10c,** 3 for **25c.**

718 **Golden Yellow**—This long desired color has now been obtained after years of selection. The flowers are double and of a pure yellow color. Pkt **10c.**

719 **Tall Double Large Flowered Mixed**—Pkt **5c.**

720 **Dwarf Mixed**—All colors, 1 foot high; large flowers and robust in growth. Pkt **5c.**

721 **Caucasia**—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water, lilac blue, 3 feet. Pkt **10c.**

722 **SCARLET RUNNERS** — Pkt **5c.**

Sweet Scabious or Mourning Bride. Pkt **5c.**

SCHIZANTHUS
(Butterfly Flower)

Few plants are more attractive, whether in pots or in the border; they are of branching habit, well covered with flowers resembling a butterfly; hardy annual.

723 **Fine Mixed**—2 feet high, flowers orange and carmine shaded spotted with yellow. Pkt **5c.**

Schizanthus. Pkt **5c.**

SEA LAVENDER
(Everlasting Statice)

724 **Statice Bonduelli**—1 foot bright yellow. Pkt **10c.**

SENECIO
(Jacobæa)

725 **Elegant**—Double mixed. Valuable hardy annuals, compact, bushy in growth, 1 foot high; adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers. Pkt **5c.**

SENSITIVE PLANT
(Touch Me Not)

726 **Mimosa Pudica**—A tender annual, has trailing, 1 foot high, with very curious leaves; very curious and interesting plants, the leaves closing if touched or shaken. Of easy culture, succeeding in any soil. Pkt **5c.**

SILENE

Elegant dwarf bushy annuals, bearing a profusion of bright, attractive flowers, through spring and summer. Admirable for beds, borders and rock work.

727 **Pendula Ruberrima**—Carmine rose flowers. Pkt **5c.**

728 **Ruberrima, fl. pl.**—Double flowering variety of the preceding. Pkt **10c.**

SMILAX

A splendid perennial greenhouse or parlor climber.

729 **Medeola Aspatagoides**—Pkt **10c,** oz **50c.**

Snapdragon—(See Antirrhinum).

SOLANUM

Very elegant, highly ornamental, interesting genius of fruit-bearing plants.

730 **Marginatum**—3 feet high, leaves white-edged and veined. Pkt **15c.**

731 **Capsicastrum Little Gem or Jerusalem Cherry**—2 feet high, scarlet berries like cherries, beautiful for parlor. Pkt **10c.**

STEVIA

732 **Serrata White**—For pot culture or the border; half-hardy perennial. Pkt **10c.**

Sweet William—(See Dianthus).

Sunflower—(See Helianthus).

SWEET PEAS—A Few Rules for the Successful Cultivation of Sweet Peas

The plants should not be raised for two successive seasons on the same ground.

Sweet peas should not be planted on the same ground after culinary peas.

Excessive manuring with stable manure in the row immediately before sowing the seed is not desirable. Fall manuring is advised.

The use of artificial fertilizers, bone meal, nitrate of soda, etc., can be made in the spring at the time of planting or soon after.

Thin sowing, by which is meant planting the seeds about two inches apart, is conducive to vigor and strength of the plants which come later into bloom, but continue much longer than the plants from thick seedin .

Frequent stirring of the soil with hoe in dry weather, thus producing a dust mulch, is preferable to artifical watering, unless irrigating facilities afford opportunities for a regular and abundant supply of water.

Do not allow any flowers to go to seed, else the plants will stop blooming.

An ounce of Sweet Peas contains about 300 seeds, enough to sow a single row 25 feet long. Our packets of all are liberal containing about 75 seeds, enough to sow a single row 6 feet long.

King Eward VII.

OUR MIXTURES

733 **SIMMERS' GIANT "GILT EDGE" MIXTURE**—This mixture of Sweet Peas, is undoubtedly the finest we have ever offered. It contains only grand new named varieties of large flowering type, the seed of which has been grown separately from selected stock, and only the largest-flowered, most beautiful new Sweet Peas have been selected and mixed by ourselves. We have maintained a similar high standard throughout, and can assure all lovers of Sweet Peas, that never before has it been possible to obtain only the best and all the best of the new large flowering Sweet Peas as in this unequalled mixture. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**, per lb **90c**.

734 **Eckford's Up-to-Date Mixture**—This mixture is made up from thirty varieties. Pkt **5c**, oz **10c**, ¼ lb **15c**, lb **50c**, postpaid.

735 **Fine Mixed**—This strain contains a beautiful assortment. Pkt **5c**, oz **10c**, ¼ lb **15c**, lb **30c**.

736 **All Colors, Mixed**—Pkt **5c**, ¼ lb **10c**, lb **30c**.

737 **White and Primrose Shades**—Mixed.

738 **Shades of Blue and Mauve**—Mixed.

739 **Striped, Flaked and Clouded**—Mixed.

740 **Scarlet, Magenta, Claret, Maroon**—Mixed.

741 **Rose and Pink Shades**—Mixed.

Any of the above—Pkt **5c**, oz **10c**, ¼ lb **20c**, lb **60c**.

NAMED VARIETIES

742 **Admiration**—De icate rosy lavender.
743 **America**—Cardinal stripe on white ground.
744 **Blanche Burpee**—Pure white.
745 **Captain of the Blues**—Dark blue, netted with purple.
746 **Captivation**—Rosy-purple self.
747 **Coquette**—Primrose, shaded lavender.
748 **Countess of Radnor**—Delicate lavender and mauve.
749 **Countess Cadogan**—Standards shining velvet, overlaid with a light sky-blue, wings a pure sky-blue.
750 **Duke of Westminster**—Deep rose maroon, with bright violet.
751 **Earliest of all**—Pink and white.
752 **Emily Henderson**—Purest white
753 **Extra Early Blanche Ferry**—Pink and white.
754 **Helen Pierce**—Marbled blue on a white ground.
755 **Hon. Mrs. E. Kenyon**—Deep primrose color, very large.
756 **Juanita, or Striped Celestial**—Pure white, delicately lined with pale lavender.
757 **King Edward VII.**—The largest and finest crimson scarlet.
758 **Lottie Eckford**—Lavender, shaded pink and white.
759 **Lottie Hutchins**—Daintily flaked with pink on a cream ground.
760 **Lovely**—Soft shell pink.
761 **Maid of Honor, or Improved Butterfly**—White ground, edged light blue.
762 **Miss Wilmott**—Rich deep orange pink, enormous size.
763 **Modesty**—Most delicate p nk
764 **Mrs. Eckford**—Beautiful shaded primrose yellow.
765 **Mrs. Dugdale**—Lovely rose, shaded rich primrose.
766 **Mrs. Jos. Chamberlain**—Rose, pink and white striped.
667 **Navy Blue**—A true blue.
668 **Prima Donna**—Lovely shade of soft pink
769 **Prince Edward of York**—Cherry rose.
770 **Prince of Wales**—Bright rose.
771 **Queen Victoria**—Cream, suffused purple.
772 **Royal Rose**—Deep rosy pink.
773 **Sadie Burpee**—White, extra large flowers.
774 **Salopian**—Best of the deep crimson.
775 **Shahzada**—Purplish maroon, wings indigo.
776 **Stanley**—Rich dark maroon.

Price of Named Varieties—Pkt **5c**, oz **10c**, ¼ lb **25c**. Customers' selection of any seven **5c** packages for **25c**. Any twelve packages for **40c**.

Countess Spencer Hybrids

SPENCER HYBRIDS

777 **GIGANTIC ORCHID FLOWERING SWEET PEAS.**

Wings and standard very large and graceful in form. Colors ranging from deep pink to white. Our mixture contains distinct shades, all are of large flowering type. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **30c**, lb **$1.00**.

DOUBLE SWEET PEAS

At best these are really semi-double flowers. The best mixtures we have will not produce more than half doubles, the others remaining of the usual single type.

778 **Mixed**—A mixture of 11 named varieties. Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **25c**.

BUSH SWEET PEAS

The bush Sweet Pea grows in perfect bush form. It requires no trellis like the Tall Sweet Peas. An average bush grows 16 to 18 inches high by from 12 to 14 inches wide.

779 **Mixed**—Pkt **5c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**,

DWARF or CUPID SWEET PEAS

780 **White.**
781 **Beauty**—Decided rose color.
782 **Primrose**—Creamy.
783 **Boreatton**—Rich purple.
784 **Extra Early Blanche Ferry**—Pink and white.
785 **Countess of Radnor**—Delicate lavender.
786 **Firefly**—Scarlet
787 **Mixed Cupids.**

Any of the above—Pkt **5c**, any six pkts **25c**, oz **10c**, 2 oz **15c**, ¼ lb **20c**.

PERENNIAL SWEET PEAS

These Peas, while lacking the delicious fragrance of the Sweet Peas, are equally as beautiful, and are very valuable from the fact that they are in full bloom early in the spring, before the others have begun to flower. They bear magnificent clusters of flowers. Perfectly hardy.

788 **Pink Beauty**—Charming rose pink. Pkt **10c**.

789 **Red**—Pkt **10c**.

790 **White**—Pkt **10c**.

One pkt each of the three Perennial Sweet Peas, **25c**.

Perennial Sweet Peas

We strongly advise the planting of Sweet Peas in colors. We can furnish neat wooden labels at 20 cents per 100. They are iron wired and can be fastened to stakes or wire netting.

STOCKS (GILLY FLOWER)

The stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half-hardy annual.

TEN WEEK STOCKS

Large Flowering Globe Pyramidal—Immense spikes of perfectly double flowers. The large double flowers are produced in great profusion, the spikes being compactly pyramidal in shape, and the plants of neat habit of growth.

	Pkt		Pkt
791 **Crimson**	10	794 **Pure White**	10
792 **Light Blue**	10	795 **Bright Pink**	10
793 **Purple**	10	796 **Mixed**	10

Mammoth Column Ten Weeks Stock—A superb variety producing grand central spike of beautiful flowers, the plant afterwards branching. Potted up will bloom splendidly under glass in winter.

German Ten Weeks Pyramidal Globe Stocks

797 **Pillar of Snow—White.** Pkt **10c.**

798 **Crimson.**—Pkt **10c.**

799 **Reddish Brown.** Pkt **10c.**

800 **Improved "Snowflake"** The earliest white, Ten-Week Stock, in cultivation, resembling in habit the Dwarf Pyramidal race. It produces a vigorous main spike of extremely large and double snow-white flowers. Pkt **10c.**

801 **"Cut and Come Again," or Princess Alice**—Produces all season pure white double flowers. It throws out numbers of side branches each of which bears a cluster of blossoms. A splendid stock for cutting and very fragrant. Pkt **10c.**

802 **Dwarf, Brilliant Deep Blood Red** (Victoria) — Beautiful pyramidal shape, the lateral branches being symmetrically arranged. Pkt **10c.**

VARIOUS STOCKS

803 **East Lothian**—Pure white, invaluable for florists. Pkt **10c.**

804 **Giant Emperor, or Perpetual**—These make very bushy and branching plants with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture. Pkt **10c.**

805 **Giant Emperor White**—For florists' use; very fine. Pkt **10c.**

806 **Brompton**—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 feet high. Pkt **10c.**

COLLECTION OF STOCKS

	Pkt
Large Pyramidal Double Ten Weeks—1 pkt each, 10 colors	75
Large Pyramidal Double—One pkt each, 6 colors	40

Sweet Sultans—(See Centurea).

SWAINSONIA GRANDIFLORA ALBA

807 A very popular plant for house culture. Foliage is as graceful as an Acacia; flowers pure white, produced in sprays of 10 to 12 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming. It climbs readily and is splendid for the window garden, or it may be grown as a bush plant by trimming it back as it grows; tender perennial, 1 to 4 feet. Pkt **10c.**

THUNBERGIA

808 **Alata**—Very elegant slender growing climbers, rapidly covering wire trelises, and also useful for vases in the garden or house. They are very attractive also if grown simply trailing on the ground. The colors are pure white, light yellow and deep orange, and of each color there is a variety with white eye and also with black eye—the latter often called "Black-eyed Susan." All colors mixed. Pkt **10c.**

TAGETES SIGNATA PUMILA

809 Dwarf annual, flowering in profusion throughout summer and autumn; color bright yellow; very effective in low beds. 1 foot. Pkt **10c.**

Thunbergia. Pkt **10c.**

Simmers' Mammoth Verbenas. Pkt **10c.**

VERBENAS

810 **Yellow Leaved** (Golden Bedder)—A golden yellow foliage, which forms a striking contrast to the flowers. Mixed pkt **10c.**

811 **Venosa, Purple**—Profuse bloomer. Good bedder. **Pkt 10c.**

812 **Erinoides** (Moss Verbena)—Purplish-blue, blossoms into flowers from June until November. For beds, baskets or rockeries it is highly desirable. Pkt **10c.**

813 **Citriodora** (Lemon-scented Verbena)—The leaves are delightfully fragrant and refreshing. Grows easily from seed. Pkt **10c.**

814 **Tom Thumb** (Verbena Hybrida Compacta)—Of exceeding dwarf, compact growth, six inches in height, very spreading. Mixed colors. Pkt **10c.**

MAMMOTH VERBENAS

Grandiflora Mammoth Strain—This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes.

815 **Blue.** Pkt **10c.**

816 **Scarlet Defiance**—Brightest scarlet. Pkt **10c,** ¼ oz **75c.**

817 **Pure White „Snowball"**—A fine large flowering strain. Pkt **10c,** ¼ oz **75c.**

818 **Auricula**—Splendid colors, with large white eye. Pkt **10c.**

819 **Very Choice Mixed**—Pkt **10c,** 3 pkts **25c,** ¼ oz **50c.**

TORENIA

For hanging baskets or culture in pots it is unsurpassed and in summer its brilliancy adds a pleasing variety to outdoor decorations. Tender annual.

820 **Fournieri, or Edentula**—Sky-blue flowers, indigo blue spots, yellow throat, free bloomer. Pkt **10c.**

821 **Bailloni**—Golden yellow with dark throat, distinct. Pkt **10c.**

822 **"White Wings"**—Pure white flushed rose. Pkt **15c.**

TUNICA

823 **Saxifraga**—Very neat, dwarf trailing hardy perennial, covered with pretty white flowers, good for edging. Pkt **5c.**

VENUS' LOOKING GLASS

824 **Campanula Speculum**—A free flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small spreading mass about nine inches high; blue. Pkt **5c.**

VERONICA

825 Early flowering, hardy perennials, mixed. Pkt **10c.**

VIOLA or TUFTED PANSIES

While the Pansy proper is essentially a spring flower, the Violas here offered flower throughout the entire season. Seed sown in spring produce flowering plants by June, and from then on until frost they are a sheet of bloom.

826 **Viola Cornuta**—Finest mixed. Pkt **10c.**

VINCA

(Madagascar Periwinkle, or Old Maid)

Ornamental free-blooming plants, and one of the most satisfactory bedding plants we have. They flower from seed the first season, continuing until frost; or they may be potted and kept in bloom throughout the winter; a fine cut flower; 2 feet.

827 **Rosea**—Rosy flowers, glossy oval-shaped leaves. Pkt **10c.**

828 **Alba**—White flowering. Pkt **10c.**

VIOLET

829 **Odorata Semperflorens** (Single Ever-flowering Violets)—The "Sweet English Violet," prized for its delicate color, 6 inches high. Pkt **5c.**

VIRGINIAN STOCK

Hardy, low-growing, profuse flowering annuals, for hedges, small beds, or pot culture.

830 **Cheiranthus Maritimus**—Mixed. Pkt **5c,** oz **20c.**

VISCARIA

831 **Hybrida**—Pretty, profuse flowering, hardy, low growing annuals of easy culture in any soil. Mixed colors. Pkt **5c.**

WAITZIA

832 **Grandiflora**—Half-hardy, everlasting annuals, 6 inches high, large yellow flowers. Pkt **10c.**

Viscaria Hybrida. Pkt **5c.**

WALLFLOWER

Wallflower—Double Mixed. Pk. **10c.**

The flowers of the Wall-flower are deliciously fragrant; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive, h.h.p.

833 **Double Branching Mixed**—Mixed. Pkt **10c.**

834 **Harbinger.** —Rich, blood red, 1 foot. Pkt **5c.**

835 **Single**—Mixed. Pkt **5c.**

836 **Single Annual Wallflower**—This variety will flower throughout the summer, and fall, from seed sown in the spring. Pkt **10c.**

WHITLAVIA

837 **Grandiflora**—Mixture, free-flowering hardy annuals, 18 in. high, bell shaped flowers, 1 inch long, violet blue and white. Pkt **5c.**

Wild Cucumber Vine

WILD CUCUMBER VINE

838 This is the **quickest growing climber** in our list. It will grow 30 feet in one season, has dense graceful foliage, which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small ornamental and prickly seed pods. Once planted this vine seeds itself and comes up every year. Pkt **5c,** oz **25c,** 2 oz **35c,** ¼ lb **50c.**

WIGANDIA

839 Grand and magnificent plant, with immense leaves richly veined, and stems covered with crimson hair. Of rapid growth. It forms one of the finest objects among ornamental foliage plants. Pkt **10c.**

XERANTHEMUM

840 **Annuum**—Double white. Pkt **5c.**
841 **Imperiale**—Double dark violet purple. Pkt **10c.**
842 **Superbissimum, fl. pl.**—Distinct double. Pkt **10c.**

ZEA (Ornamental Maize)

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

843 **Japonica Variegata**—Pkt **5c,** oz **15c.**

ZINNIA

Youth and Old Age.

The Double Zinnia with its flowers large and beautifully formed are exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets.

Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or indoors, according to the time it is desired to flower; half-hardy annual.

844 **Elegans**—Mixed. Pkt **10c.**

845 **Scarlet**—Double, fiery scarlet flowers. Pkt **5c.**

846 **White**—Pkt **5c.**

847 **Sulphur Yellow** — Flowers large perfect shape Pkt **5c.**

Zinnia, Elegans, Double Large Flowering

848 **Pompone or Lilliput, Mixed**—Dwarf, double, distinct; long cone shape, beautiful; flowers perfect in shape, the colors of which are exceedingly bright and showy; mixed. Pkt **10c.**

849 **Haageana, fl. pl.** (Mexican Zinnia)—A splendid double variety; flowers deep orange, keeping its color when dried as a winter flower. Pkt **5c.**

850 **Zebra**—The flowers of this selection are perfect in shape, of all colors and are beautifully striped, spotted and blotched with different shades. Plants symmetrical and compact, about 2 feet high; mixed colors. Pkt **10c.**

Collection Double Zinnias, 1 pkt each, 6 distinct varieties, **40c.**

SPECIAL MIXTURES OF FLOWER SEEDS

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these the following mixtures will appeal.

	Pkt		Pkt
851 **For Bouquets**	10c	856 **Climbers**	10c
852 **Low Growing Annuals**	10c	857 **Evening Bloomers**	10c
853 **Tall-Growing Annuals**	10c	858 **Everlasting and Ornamental Grasses**	10c
854 **Fragrant Annuals**	10c	859 **Biennials and Perennials**	10c
855 **Foliage Plants**	10c		

MIXED ANNUALS OR WILD GARDEN MIXTURE

860 These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, and for sowing alongside of fences and on any untidy bare spots of ground which are frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Pkt **5c,** oz **20c,** ¼ lb **60c,** lb **$2.00.**

OUR CHILDREN'S FLOWER GARDEN

861 Nothing appeals so to a young fancy as bright colors and beauty of form. With a small expense of labor, the Kindergarten can be transformed into a delightfully attractive spot, and form the most instructive of school-rooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers. Pkt **5c,** ½ oz **10c,** oz **15c,** ¼ lb **35c,** lb **$1.00.**

AN INEXPENSIVE GARDEN

862 **For 50c** we will send 1 pkt (regular size) each of mixed colors of **Tall Nasturtium; Phlox; Sweet Peas; Asters; Petunia; Candytuft,** white; **Sweetest Sultan; Canary-bird Climber; Pompone, Zinnia** and **Verbena,** all choice strains and **5 fine Gladiolus Bulbs.**

Ten pkts Choice Flower Seeds and 5 Bulbs for **50c.**

BEGONIAS (Tuberous Rooted)

These are certainly grand summer blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled for their many varied colors of white, yellow, pink, scarlet and red—great waxy flowers measuring from three to six inches across. The double-flowering sorts resemble beautiful roses. Plant out in May, a foot or so apart, one inch deep, and well watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.

Giant Single Varieties—Separate colors, **White, Scarlet, Pink and Yellow.** Each **10c**, 4 for **30c**, doz **75c**, 25 for **$1.50**, 100 for **$5.50.**

Giant Single Mixed—Each **10c**, 4 for **30c**, doz **75c**, 25 for **$1.35**, 100 for **$5.00.**

Giant Double Varieties—Separate colors, **White, Rose, Scarlet** and **Yellow.** Each 15c, 4 for **50c**, doz **$1.50**, 25 for **$2.75**, 100 for **$10.00.**

Giant Double Mixed—Each **12c**, 4 for **45c**, doz **$1.30**, 25 for **$2.50**, 100 for **$9.00.**

SPECIAL OFFER. One bulb each color of **Single** White, Red, Pink and Yellow for **30c.**
One bulb each color of **Double** White, Rose, Scarlet and Yellow for **50c.**

Frilled Tuberous Begonia

NEW FRILLED TUBEROUS BEGONIAS

During the past six years this strain, by careful selection, has been wonderfully improved, until it is now unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. **20c** each, **$2.00** per doz.

FREE FLOWERING TUBEROUS-ROOTED BEGONIAS

A most useful and attractive type that has become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in sunshine. Of dwarf habit, growing from 8 to 10 inches high, throwing up well above the foliage numberless stems of dazzling flowers, giving the whole plant a brightness, grace and elegance difficult to describe.

Duke Zeppelin—Double, bright red. **20c** each, 3 for **50c**, **$1.75** doz.

Lafayette—Dazzling scarlet, double, **25c** each, **$2.50** doz.

Bertini—Single, cinnabar red, **20c** each, 3 for **50c**, **$1.75** doz.

Type of Free Flowering Tuberous-Rooted Begonias

APIOS TUBEROSA Its clusters of rich, deep purple flowers have a strong, delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each **5c**, doz **50c.**

CYCLOBOTHRA FLAVA The habit of plant and bloom is similar to Bessera; the color is clear, golden yellow, with intense black spot on each petal. Each **5c**, doz **50c.**

CHLIDANTHUS FRAGRANS The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Each **10c**, doz **75c.**

CINNAMON VINE (Dioscorea Batatas)

A rapid-growng climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about eight feet in height, quite hardy. Good roots **5c** each, 6 for **25c**, doz **50c.**

CRINUM

Kirkii—The grandest variety of this group. The flowers are fragrant, petals broad and white with deep purplish reddish stripe through centre. Usually two flower stalks are sent up, each bearing a large cluster of flowers. It blooms with the greatest freedom. Extra large bulbs, each **40c**, medium size bulbs, **25c** each.

Crinum Kirkii

AMARYLLIS

Formosissima (Jacobin Lily)—Flowers of a deep velvety crimson color, handsomely formed, very striking. Each **10c**, 6 for **50c.**

Treatea (Fairy Lily)—Bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil and five or six can be planted in a five-inch pot. Each **5c**, doz **50c.**

Vitatta Hybrid—Beautiful, large-flowering, new seedlings from choicest varieties; bulbs are of an immense size and will produce something grand. Each **50c**, doz **$5.00.**

Johnsonii (Spice scented)—It is impossible to name a more magnificent bulbous plant than this; its immense flowers, richness of coloring and regal habits are simply incomparable; it throws up a spike about 18 inches high, bearing from two to six flowers averaging four to six inches across, of a bright rich red color with a white stripe down each petal; it also has a rich, spicy fragrance. This variety is the most robust and luxuriant, and the earliest to flower of the whole Amaryllis family, and is a prolific bloomer, and it is of easy culture. **30c** each, extra large bulbs **50c** each, 2 for **90c.**

SPIDER LILY

Pancratium Caribbæum (Spider Lily)—Planted out in wet places during summer it will produce many spikes of fragrant flower, in dense clusters, lasting several weeks; grand for indoors, blooming even if grown in water. Each **20c**, 3 for **55c**, 6 for **$1.00.**

The Great Ismene (Basket Flower)

ISMENE Calathina Grandiflora or Basket Flower—A grand summer-flowering bulb, producing throughout the season large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. Each **25c**, 4 for **90c.**

Large Flowering Cannas

The Most Desitable Bedding Plant for the Canadian Garden.

How to Prepare a Canna Bed—These plants being strong growers require deeply-dug garden ground, well enriched with rotten manure; soil with some mixture of sand is best. After planting, water sparingly for a few days, until the plants have taken root; after well established and showing good leaf growth, increase the amount of water; when in full growth during hot weather they may be watered very freely. Set the plants 18 inches apart each way using the taller ones (see height in description) for the centre and the dwarfer kinds for outer circles with shortest ones at edge.

KING HUMBERT.—This remarkable "Gold Medal" Canna has been the sensation of the past three years. Of all the wonderful flowering and foliage plants introduced, this one takes the lead for size, color and habit. It is a cross between the Orchid flowering and the French or Crozy type, combining the best features of both, the large flowers of one with the free blooming character of the other; the handsome leathery foliage with a strong, noble habit. It has the broadest leaves.

Allemania (Italian)—Exceptionally large flowers, frequently measuring 6½ inches across, the upper petals salmon with border of golden yellow, while the lower petal is dark salmon marked with yellow in the centre; foliage dark green.

Alphonse Bouvier—5 feet. The most intensely brilliant crimson; undoubtedly one of the best bedding varieties.

America—4½ feet. The beautiful foliage is dark, shaded and flamed with green, bronze and purple, and shines as if varnished. The spikes are enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple.

Austria (Italian)—6 feet. Pure canary yellow; fine large open flowers, with but few traces of reddish brown dots in the centre of the two inside petals.

Black Beauty—Large massive foliage of the richest bronzy purple color shaded with black. Where foliage effect alone is desired, nothing richer or more handsome can be found.

Chicago—5 feet, green foliage. The large flowers open out nearly flat: petals 1½ inches wide and five in number. The color is a clear, deep vermilion, smooth and without markings, except a purplish gloss. It comes into flower when quite small and continues to flower all summer. Flower stalks never look ragged.

Duke of Marlborough—3½ feet. Green foliage. Absolutely distinct and superbly beautiful. The color is rich, velvety maroon, the darkest color yet found.

Egandale—4 feet. Red foliage, strong, compact flower spikes, color currant red. The finest of its color because of its harmony of leaf and flower.

Flamingo—Rich deep crimson.

Florence Vaughan—3 feet. The flowers of this splendid sort are of the most perfect form; the petals are even broader than those of the Madame Crozy, and of the most brilliant golden yellow, dotted with brightest scarlet.

Gigantea—This dark foliage Canna has been grown to the height of 8 to 11 feet, with bright orange scarlet flowers of good size: the foliage simply superb.

Golden Sceptre—A pure golden yellow Canna, without spots, that does not bleach in the sun like other yellow Cannas; flower stalks branching; height 4½ feet, foliage bright green.

Governor von Zimmer—A remarkably free-flowering variety, with large trusses of medium-sized flowers, which are of an intense rich orange-scarlet, pleasing and effective; foliage of bronzy purple; 4 feet.

Harry Laing—Exceedingly large, well rounded flowers of rich glowing scarlet, suffused with orange.

Italia (Italian)—5 feet. It is of a bright orange-scarlet, with a very broad golden-yellow border; the flowers, which are produced on massive stems about sixteen inches long, are set well above the foliage.

Jas. Veitch—Rich, crimson, large.

Jean Tissot—One of the brightest of the very large flowered Cannas; color an intense brilliant vermilion with bright orange shadings. It is of strong uniform growth, 5 feet, with massive green foliage.

Canna "King Humbert"

King Edward VII.—Similiar in color to the Madame Crozy, but with rather less yellow in it, it differs from the Mad. Crozy in that it grows taller and stronger, and is tallest of the yellow-edged varieties.

Leonard Vaughan—5 feet. Rich, deep bronze foliage. Very strong, robust grower, flowers freely, and well-formed flower spikes show boldly above the foliage. Color bright scarlet without markings, and with very wide petals measuring 1⅛ inches.

Madame Crozy—The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. Plant dwarf in habit. The foliage is of a rich, cheerful green, and very massive.

Mlle. Berat—The nearest approach to a pink in a first-class bedder. In this variety, however, the larger the mass the finer the effect, and when planted in conjunction with yellows and high colored reds it is simply superb. Height 4 feet.

Mrs. Geo. A. Strohlein—A grand variety with extra large bright amaranth red flowers, which are raised well above the foliage in many-flowered trusses; grows about 6 feet high with large bronzy-purple foliage; entirely distinct.

Mrs. Kate Gray (Italian)—7 feet. Flower is immense; larger than Austria or Italia, being round and full, of a clear wine color, beautifully suffused with gold. Besides the extraordinary size of the flowers, it is a very strong grower, and would be valuable on account of its beautiful and luxuriant foliage alone.

Paul Lorenz—Dwarf, dark foliage, richest crimson bloom.

Paul Carnot—Has good-sized truss of large flowers; foliage deep chocolate maroon; color of bloom, bright red. One of the best of the dark-leaved sorts.

Pennsylvania—One of the best of the Italian types; the flowers, which measure fully 6½ inches in diameter, are produced remarkably free in many-branched pannicles, and are of an intense vermilion scarlet, overlaid with an orange-scarlet shen; foliage rich green; 6 to 7 feet.

Queen Charlotte—4 feet. The flower spikes are of a rich scarlet crimson, broadly banded with a bright canary yellow.

Rubin—Flowers not large, but of an intensely rich, glowing carmine, which combined with its dark bronzy-green foliage, makes it a grand bedder 4 feet.

Souvenir d'Antoine Crozy—The richest gilt-edged variety yet introduced; the flowers are large with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad, rich, golden-yellow band; 3 feet high.

Wilhelm Bofinger—One of the brightest and richest scarlets, suffused with orange; foliage green; 5 feet.

Strong Plants—Any of the above, each **20c**, postpaid; by express at purchaser's expense, per doz., **$2.00.** For the Amateur, Dry Roots are difficult to start, so we offer plants.

CANNA BED No. 1

Collection for Canna Bed 7 feet in diameter. 1 Florence Vaughan (for centre). 12 Harry Laing (outside row), 6 King Humbert (middle row)—FOR $3.00 by express.

CANNA BED No. 2

Round. 7 feet across. 7 King Humbert (Bronze Leaf) 12 Florence Vaughan—FOR $3.00 by Express. Here is a combination that makes one of the prettiest beds.

CANNA BED No. 3

Round, 10 feet across, 7 Florence Vaughan (in centre), 12 King Humbert (middle row), 18 Harry Laing (outside row)—FOR $6.00 by express. This is a very complete three-color effect in a Canna Bed, and very hard to excel.

DAHLIAS

The Dahlia is the greatest autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the seaon becomes warm, covering the neck about three inches. If many shoots start thin out. Take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until spring. There are six distinct classes, viz.—**Tall Double, Dwarf Double, Decorative Cactus, True Cactus, Single, and Pæny-flowered.** All are grand and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. **Prices below include postage.**

Please Note.—Dahlias herein offered are all field grown roots except where noted.

Double Dahlias

NEW DAHLIAS

Mrs. Roosevelt—It is of a large size, graceful in form, has good stems for cutting. The flowers are perfectly double, of largest size, 6 to 8 inches, while the color is a delicate pink, shading to soft clear pink. Pot plants only. Each **30c.**

Mad Van den Dael—A great decorative variety of immense size and beautiful form. Color soft shell pink with deeper markings, flowers often measuring 6 to 7 inches in diameter. Price, strong roots, **30c** each.

Chas. Woodbridge (Cactus)—A magnificent flower. The color is a rich crimson purple. Each **35c.**

Eccentric (Decorative Cactus)—The color is yellow in the centre, gradually changing to red towards the tips of the petals. The peculiarity of this variety is that some flowers come entirely different. Each **35c.**

Gates Ajar—The color is an extraordinary deep rich cinamon or maroon. The petals are very long and twisted. In addition to its merits of form and color it is a remarkable free bloomer. Each **40c.**

Attraction—The flower is a very large one—unusually so—color yellow, plentifully splashed with crimson. The form is strictly of the show type. The flowers are borne on long stiff stems. Each **40c.**

Mont Blanc—This is one of the finest pure white Dahlias yet introduced. It is free flowering and of the largest size. The solidity and substance of the bloom is sure to make it very popular. Each **40c.**

Madame Moreau (show)—Very large with long stems, deep rosy pink. Pot plants only, **35c** each.

Progenitor (cactus)—Petals are split at the extremities, giving a most effective appearance. A brilliant scarlet and a grand sort. Pot plants only, **35c** each.

SPECIAL OFFER—The set of 9 New Varieties, $2.90 postpaid.

DECORATIVE CACTUS DAHLIAS

This group is generally sold as Cactus Dahlias, but is entirely distinct. In form they are about half-way between the show and cactus varieties, the petals are long, broad, beautiful and regular, though they vary in forming different varieties. Splendid for decoration.

Admiral Schley—Bright crimson, shaded maroon, with a band of white running through the centre of each petal.

Black Prince—Very dark maroon.

Catherine Duer—Bright irridescent crimson scarlet color.

Cora Gleason—Rich velvety crimson.

Countess of Pembroke—Delicate rosy lavender, large, long stems.

Cactus Queen—Rich blood red, very decided color.

Forest Hill Beauty—Flowers very large, intense dazzling red; very free flowering.

Irridescent—Dazzling showy red.

Henry Patrick—Pure white, free.

Lyndhurst—One of the best bright scarlets, brighter and clearer than the well-known Wm. Agnew, has large perfectly formed flowers borne on long stems.

Mrs. Winters—A finely formed snow white variety.

Oban—Rosy lavender overlaid with silvery fawn.

Perle de la Tete d'Or—Pure white, notched petals, good for florists' cutting.

PRICE—15c each; any 3 for **40c;** per doz **$1.50.**

DWARF POMPONE DAHLIAS

So-called from their compact and dwarf habit of growth; flowers smaller than those of the tall Dahlias, but perfect and very double.

Scarlet Gem—Fine light scarlet.

Snowclad—Best white, very free flowering.

Vivid—Clear bright, red, small, well-shaped bloom.

PRICE—15c each; the 3 for **40c; per doz $1.50.**

SINGLE DAHLIAS

John Cowan—Crimson, shaded maroon.

Red and White Seedling—Red tipped white.

Red Seedling—Large clear red.

Snow Queen—Creamy white.

Titan—Orange.

20th Century—Color intense rosy crimson with white tips.

PRICE—15c each; any 3 for 40c, $1.50 per doz.

SHOW DAHLIAS

Arabella—Pale primrose tipped and shaded old rose and lavender.

Beauty—Large, pure white, extra fine.

Bird of Passage—White, tipped pink.

Countess—Large clear yellow.

Countess of Ravensworth—White tipped lavender, large.

Crimson Beauty—Vivid crimson.

Dragon—Yellow bordered crimson.

Empress of India—Large, white, tipped with purplish lilac.

Frank Smith—Maroon tipped white.

Gloire de Lyon—Very large, pure white.

Greater Britain—The color is a pure, rich yellow, petals tipped with delicate peach.

Grand Duke Alexis—Large ivory white, petals edged delicate pink.

Hector—Large, cherry red, finest form.

Hercules—Large, yellow striped red, very large bloom.

King Edward 7th—Large yellow flowers, of beautiful form, flowers produced in great quantities on long, stiff, erect stems.

Lucy Fawcett—Sulphur yellow, striped and spotted carmine rose.

Mantas La Villa—Very deep rose.

Modesty—Blush, light centre, large, almost perfect.

Peacock—Maroon tipped white, sometimes one color.

Pink Beauty—A new color, pure pink mauve.

Pink Dandy—Pink.

Queen Alexandra (Pink Seedling)—Pure pink of exquisite shape, large size.

Queen of the Yellows—Clear yellow.

Robert Turner—Bronze.

The Bride (White Seedling)—Its flowers on long stems; flowers are snow white of large globular form, full to the centre.

Uncertainty—Varies from white, striped and carmine, to solid crimson maroon on same plant.

PRICE—15c each; any 3 for **40c;** doz **$1.50.**

HEAVY DAHLIA STAKES

Green painted, wooden.

3 feet	Per doz.	40c.	Per 100	$2 50
4 "	"	50c.	"	3 50
5 "	"	75c.	"	5 50

CANE STAKES FOR DAHLIAS

Extra heavy, 6 to 9 feet long, per doz **20c**, per 100, **$1.00.** May be cut into lengths to suit.

TRUE CACTUS DAHLIAS

This section is of recent introduction, and is the most beautiful of the entire Dahlia family. The flowers are perfectly double, loosely arranged and irregular in outline, the petals are long, pointed and twisted. Colors of this class are most exquisitely delicate and refined, while the blending of shades and tints is surpassingly lovely.

Blanche Keith—Rich yellow.

Brittania—Deep salmon flesh, free and early.

Countess of Lonsdale—A peculiar but pleasing blending of salmon pink and amber. Flowers freely under all conditions.

Earl of Pembroke—Bright reddish purple, petals long and pointed.

Gloriosa—Deep bright red, shaded scarlet.

J. Welch—Bright red.

"Kriemhilde" (Cactus)—Delicate combination of shell-pink and white, most exquisite.

Keyne's White—A finely formed pure white Cactus Dahlia; considered one of the very best.

Loyalty—Bright coral red.

Star Fish—Flowers medium size, borne on straight erect stems, well above the foliage, profuse bloomer, color bright scarlet.

Standard Bearer—Rich fiery scarlet, very free.

Strahlen Krone—Intense cardinal red.

Zephyr—Pink.

PRICE—15c each; any 3 for **40c;** doz **$1.50.**

PÆONY FLOWERED DAHLIAS

Queen Emma—First-class flowers, lovely salmon with lilac. Very free flowering.

King Leopold—The best yellow color among the giant Dahlias, color varying from cream yellow to white. Flowers very large and on long stems.

Paul Kruger—Striped variety white and red flowers with three ranges of petals on very long stems.

Baron de Grancey—6 inch flowers with a double row of pure white petals, very fine.

Dr. Von Gorkom—Beautiful color white shaded rosy, very floriferous.

Germania—Brilliant carmine 4 rows of petals, compact growth.

PRICE—Pot plants only, **35c** each; three for **$1.00.**

MIXED DAHLIAS

We have a large stock of Mixed Dahlia Roots from which the labels have been lost, among them will be found some of our very best varieties. We offer these for **10c** each, 3 for **25c, 75c** per doz. postpaid; **$5.00** per hundred, by express only.

GLADIOLUS

LARGE FLOWERING, BRILLIANT COLORS STRICTLY FIRST SIZE BULBS

No Flower Garden is Complete without a Bed of Gladiolus

Gladiolus Bulb

There is nothing to compare with the Gladiolus as a garden flower, thriving as they do under the most adverse conditions, and giving out a bountiful supply of handsome blooms, which cannot be surpassed for their brilliancy and varied colors. We are large growers of these bulbs and supply only varieties and mixtures that we know are the best to be obtained and such as will give complete satisfaction.

CULTURE—Gladiolus are of the simplest culture. Plant at any time from April to July, in any fairly good soil, well spaded. Set in rows three inches apart, or in masses, six inches apart each way. Plant in full sun, if possible, and keep down weeds. They bloom from July to October. After fall frosts, lift the bulbs, and, after removing the tops, let them dry for two or three weeks in any airy position, under cover. Then, after removing the roots store them in a cellar, or any cool, dry place, away from frost, for planting again the following spring.

NAMED GLADIOLIUS GANDAVENSIS

Shakespeare—White, suffused carmine rose, large rosy blotch.
May—White ground, slightly striped crimson.
Lamarack—Cherry, white throat.
Emma Thursby—White ground, carmine stripes through petals, blotch in the lower divisions.
Isaac Buchanan—Yellow.
Blondin—Bright terra cotta, very large spike.
Le Poussin—Light red, white blotch.
John Bull—White, tinted sulphur.
Dr. Hogg—Mauve, suffused rose.
Ceres—White, spotted rose.
Champ de Mars—Salferino, white blotch, bordered carmine.
General Sherman—Fiery red, with white stripe.
Mrs. E. H. Krelage—Bright red, white blotch, and carmine veins.
Reine Blanche—White, with dark carmine blotch.
Brenchleyensis—Vermillion scarlet.
Octoroon—Beautiful salmon pink, very distinct.

6c each, 60c doz. post-paid.

SNOW WHITE—Grand spike of snow-white flowers, a magnificent variety Each **15c**, 4 for **60c**, **$1.75** per doz.

GIANT OR CHILDSI GLADIOLUS

The flowers are of great substance and of gigantic size. The form of both the flower and spike is perfection itself, but their most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and blendings. Every color known among Gladiolus is represented, and many never before seen, particularly blues, smoke grays, and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow.

Mixed Childsi—Price each **7c**, 4 for **25c**, 12 for **60c**, postpaid; 25 for **$1.00**, 100 for **3.50**, at purchaser's expense.

Named Childsi Varieties

Burlington—Bright pink, beautifully tinged with orange scarlet carmine and white mottled throat.
Mrs. La Mance—White, overspread with a slight lilac shadow, mottled purplish crimson.
Henry Gillman—Deep salmon scarlet, with fine white bands.
Columbia—Light orange scarlet, freely blotched and pencilled with bluish purple.
Wm. Falconer—Spike of great length, with enormous flowers. Light pink and blush mottled.
Boston—Flaming orange scarlet, with large white throat.
Mohonk—Deep dark pink, with spotted throat, shaded orange and flaked maroon.
Eva—Beautiful rose, shaded and marked with slate.
Old Oxford—Slaty crimson, heavily clouded blue.
Sacramento—Deep, bright coral scarlet, white mottlings.
Princeton—Large flowering red, violet and white mottlings in throat
Brilliant—Beautiful orange red, carmine and white throat.
Ethel—Soft rose, with white and crimson.
Mrs. Beecher—Deep rosy crimson, pure white throat.

10c each 90c per doz. post-paid.

Our General Mixtures

Our mixed Gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded, and customers can depend on having a large and magnificent variety of color.

	Each	per doz.	per 25	per 100
Simmers' Extra Fine Mixed	03c	30c	50c	$1 50
Mixed Lemoine's Seedlings	04	30	60	2 00

Gladiolus

CONTRAST—Flowers of great substance and a beautiful compact spike of perfect form. Color intense scarlet with a large, distinct white centre, which is neither tinted or mottled. One of the most striking and beautiful Gladiolus ever introduced.

Price—**30c** each.

AMERICA—Spikes 2 to 3 feet long, erect with a great number of large spreading blossoms all facing one way, and showing a color, the delicacy and beauty of which it is impossible to describe. It is an exquisite soft lavender pink, very light, almost a tinted white.

Price—**10c** each, 12 for **$1.00.**

Gladiolus "Contrast"

Groff's Hybrid Gladiolus

(Originator's Own Collections)

Groff's latest selections New Dark Hybrids, strong blooming corms, red, scarlet, cerise, pink, salmon and crimson shades.

Each **10c**, doz **90c**, per 100 **$5.00.**

Groff's latest selection New Light and Yellow Hybrids, strong blooming corms.

Each **10c**, doz **$1.00**, per 100 **$7.**

Groff's latest selections, New Blue Hybrids, blue, lilac and heliotrope shades, strong blooming corms.

Each **10c**, doz **$1.00**, per 100 **$7.00.**

Gladiolus—Simmers' Fine Mixed

GLADIOLUS IN SEPARATE COLORS

All Large Flowering Bulbs

	Each	per doz.	per 25	per 100
White and light varieties, mixed, superb	04c	$0 45	$0 85	$3 00
Striped and variegated, extra fine mixed	04	0 45	0 85	3 25
Pink varieties, fine pink and rose shade	04	0 45	0 75	2 50
Red and Scarlet Varieties, extra fine	03	0 35	0 60	2 50
Yellow and Orange Varieties, best yellow varieties	07	0 80	1 50	5 00
Groff's Hybrids	04	0 30	0 60	2 00

Remember all are postpaid at prices quoted except 100 lots. The 100 rate does not include carriage

HARDY LILIES

All Bulbs are sent by Mail postpaid, unless noted

Lilium Auratum

Plant lily bulbs eight or nine inches deep. Many fail in this particular, setting the bulbs so near the surface that the frosts of winter almost throw them out of the soil. The Lily throws out roots from the stalk above the bulb, and these serve the double purpose of supplying nutriment to the plant and of bracing and sustaining in position the heavy weight of the blossoms.

The soil for Lilies should be made rich with old, well-decayed manure, thoroughly incorporated with the soil; but fresh dressing must never be used, nor must any come in contact with the bulbs. They should be set on and surrounded by a layer of pure sand. When the ground freezes in the fall, apply a covering of stable litter or leaves, which may be forked in the spring, thus supplying enrichment of the soil.

Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM

Justly famous as the most beautiful and fragrant of all Lilies, flowers white, dotted crimson, with a clear, broad golden band running through the centre of each petal.

First Size Bulbs	Each	15c, 3 for 40c,	dozen	$1.50
Extra Size Bulbs	"	20c, 4 for 75c,	"	2.00
Mammoth Size Bulbs	"	30c, 4 for $1.00	"	3.00

SPECIOSUM SORTS

ALBUM—Pure white, with beautiful recurved petals, very fragrant.

First Size Bulbs	Each	20c, 3 for 50c,	dozen	$2.00
Extra Size Bulbs	"	25c, 3 for 65c,	"	2.50
Mammoth Size Bulbs	"	30c, 4 for $1.00	"	3.00

RUBRUM, Crimson Branded—Flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant, and have all the hardiness of the Speciosum Class.

First Size Bulbs	Each	15c, 3 for 40c,	dozen	$1.50
Extra Size Bulbs	"	20c, 4 for 75c,	"	2.50
Mammoth Size Bulbs	"	30c, 4 for $1.00	"	3.00

Roseum—White, shaded and spotted with rose. Each **15c**, doz. **$1.50.**

Melpomene—Each petal is completely covered with blood-red, except a clear, frosty, white border. Extremely handsome and perfectly hardy. Each **15c**, doz **$1.50.**

Magnificum—A very beautiful variety, flowers nearly double the size of other varieties and of taller, sturdy growth. It is a close ally of Speciosum Melpomene, but of much larger size and richer coloring. Rich red, heavily spotted. Each **25c**, per dozen **$2.50.**

Longiflorum—A variety bearing beautiful snow white trumpet-shaped flowers of rare fragrance, almost exactly like Lilium Harrisi in shape, but being perfectly hardy. Each **15c**, doz **$1.50.**

Gloxinia

LILIES—Continued

Type of Lilium Speciosum

Brownii — Magnificent variety with large trumpet shaped flowers, pure white inside, purple tinted outside, stamens of a rich chocolate color, one and a half to two feet high, blooms in June. Each **40c.**

Canadense, Meadow Lily—This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers. Extra sized bulbs, each **10c**, doz **$1.00.**

Chalcedonicum—Bright scarlet recurved flowers, blooms in June 3 feet. Each **40c.**

Martagon — Purplish red, spotted with dark purple, prolific bloomer, 2 to 3 feet high, blooms in midsummer. Each **15c**, per doz **$1.50.**

Tenuifolium (Coral Lily of Siberia) Flowers vivid scarlet, with petals reflexed: very showy and free flowering, blooming early in the spring, very easily grown, requiring only a well drained, sandy soil. Each **20c**, 3 for **50c**, 12 for **$1.75.**

Excelsum—This stately and beautiful variety grows from 5 to 6 feet in height, and bears from 6 to 12 fragrant, nodding flowers, of a delicate buff color. Each **50c**, 3 for **$1.35.**

Superbum—The finest of the native Lilies. Flowers bright orange red thickly potted with purple. A strong plant, bearing from 20 to 30 flowers. Extra sized bulbs, each **10c**, doz **$1.00.**

Tigrinum—Spotted Tiger Lily. Each **15c**, per doz **$1.50.**

Tigrinum, fl. pl.—Spotted Tiger Lily with double flowers. Each **10c**, 4 for **35c.**

Candidum—The pure white garden lily, flowers snowy white, with heavy yellow stamens; hardy and free blooming, bearing 5 to 20 blossoms. Plant early and leave them undisturbed. Each **10c**, 3 for **25c**, 6 for **50c**, per doz **$1.00.**

Orange Lily (Bulbocodium Aurantiacum)—Each **15c**, per doz **$1.25.**

LILY COLLECTIONS

10 Separate Varieties for $1.25, postpaid.

ONE BULB EACH

Auratum, Roseum, Rubrum, Album, Melpomene, Longiflorum, Martagon, Triginum, Tigrinum, fl. pl., Tenuifolium.

5 SEPARATE VARIETIES, for 75c, postpaid.

ONE BULB EACH

Auratum, Roseum, Rubrum, Album, Melpomene.

Lilium Tenuifolium

GLOXINIA

This charming class of summer-flowering bulbs delights in a loose, porous soil, composed of equal parts of fibrous loam and leaf mould, to which has been added a liberal sprinkling of thoroughly decayed, well-pulverized manure or bone meal and sharp sand. They should be shaded from the direct rays of the sun, but exposed to as much light as possible. Our collection embraces all the popular varieties, ranging in color from the purest white through all the shades of crimson and purple, spotted and mottled.

SEPARATE COLORS—Pink, Rose and Pink, White, Blue, Tiger Spotted. Each 15c, 4 for 50c, doz $1.50, 25 for $2.50, 100 for $9.00.

Calla Elliottiana

Fancy Caladiums

Black Calla

Giant Cyclamen

Caladium Esculentium

CALADIUM ESCULENTUM

(Or Elephant's Ears)

One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2½ in breadth.

PRICE—	Each	Per Doz.
1st size root	**25c**	**$2 50**
2nd size	**15c**	**1 50**
Small size	**10c**	**1 00**

CALADIUM (Fancy Leaved)

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown and from the first of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of 30 fine varieties. Each **20c**, 5 for **$1.00**, doz **$2.25**.

DWARF CALLA "LITTLE GEM"

Indeed a "pigmy" scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. The flowers will be found exceedingly useful for "cut flower work."

Price—Each **20c**, 3 for **50c**.

WHITE CALLA (Lily of the Nile)

Pure white, splendid bloomer. Each **20c**, 3 for **50c**.

SPOTTED LEAF CALLA

(Richardia Alba Maculata)

A very ornamental plant even when not in bloom; foliage beautifully marked with transparent white spots showing to great advantage before a window. Flowers white, with black centre. Blooms splendidly in the garden or as a pot plant. Large bulbs, to bloom at once.

Price—Each **15c**; 2 for **25c**; doz **$1.50**.

CALLA ELLIOTTIANA

A grand acquisition—the finest yellow Calla we have seen; large, rich, deep golden flowers, often 4 to 5 inches across at the mouth; habit of growth and foliage like the old favorite White Calla, excepting the leaves of Elliottiana are spotted with white, rendering it an unusually showy pot plant. Each **50c**.

BLACK CALLA (Arum Sanctum—Solomon's Lily)

The large, wavy leaves, which are of a rich green color, veined light green, resemble those of Calla Ethiopica. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark purple color. The spike rising about 10 inches above the centre of the flower is velvet-like and quite black.

Price—Extra large roots, each **20c**, or 3 for **50c**.

GIANT CYCLAMEN

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with the various shades of green, gray and white.

Giant Rose **Giant Red**
Giant White **Giant Mixed** **20c** each, doz **$2.00**.

COOPERIA DRUMMONDII

(The Giant Fairy Lily)

Plant in spring, either in open ground or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs **5c** each. 6 for **25c**.

CYPELLA HERBERTI

(Golden Cup)

The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession and many on a spike, it is scarcely ever out of bloom. Keep dry in winter.

Price—Each **20c**, 3 for **50c**.

Cypella Herberti

HYACINTHUS CANDICANS

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upward a stem 4 or 5 feet high, which bears quantities of drooping, ivory-white, bell-shaped flowers of delicate fragrance. It is very attractive planted among shrubbery or with Lilies or Gladioli. Each **10c**, 3 for **20c**, doz **75c**.

LILY OF THE VALLEY

No flower so easily wins our love and keeps it for ever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each **35c**. Strong pips **5c** each, 6 for **20c**, 12 for **35c**.

Madeira Vine

MADEIRA VINE

A tall, half-hardy, tuberous-rooted, climbing plant of rapid growth, bearing copious and graceful recemes of deliciously fragrant white flowers. Very useful for screens and trellis work. Each **5c**, 3 for **10c**, doz **40c**.

Montbretia Crocosmiæflora

MONTBRETIA

Showy flowers on spikes 12 to 24 inches long; superfine mixture. Each **5c**, doz **50c**.

TUBEROSE

Excelsior "Pearl" Double Tuberose

Everybody's Favorite

Sweetest-scented Flower that blooms.

Excelsior "Pearl" Double—This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well-known to need any description. The growing plant is fond of light and heat, and must have full sunlight when bedded and plenty of water when it begins to grow freely, but not too much water when first planted and should not be planted outside before May 1st. This variety grows only 24 inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a Camellia, deliciously fragrant. (See Cut).

Each **5c**, 6 for **25c**, doz **40c**, postpaid; **25 for 60c**, 100 **$1.50**, carriage extra.

SUMMER FLOWERING OXALIS

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage 1 foot high, which produce flowers in endless succession.

Versicolor — White margined vermillion. Each **5c**, 3 for **10c**, doz **30c**, 100 for **$2.00**.

Lasandria — Rosy pink, **5c** each, 3 for **10c**, doz **30c**, 100 for **$2.00**.

Dieppi—Rosy white, **5c** each, 3 for **10c**, doz **30c**, 100 for **$2.00**.

MILLA BIFLORA

(Mexican Star or Frost Flower).

This charming flower blooms profusely all summer; the flowers are fully three inches in diameter, and pure waxy white; they are borne on slender, rush-like stems. Each **5c**, doz **50c**.

Mexican Star or Frost Flower (Milla Biflora)

ZEPHYRANTHES

The Zephyr flowers or "Fairy Lillies" are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them.

Atamasco—Large, pure white. Each **5c**, doz **50c**.

Rosea—Beautiful, clear rosy pink. Each **5c**, doz **50c**.

$1.00 Spring Bulb Collection

Contains **25** Summer Flowering Bulbs, which we will send free by mail or express for only **$1.00**:—

2 Milla Biflora	4 fine Oxalis	1 Spider Lily	1 Hyacinthus Candicans
1 Madeira Vine	1 Cyclobothra	1 Double Dahlia	
4 Mixed Gladioli	2 Pearl Tuberoses	2 Cinnamon Vines	2 Tuberous-Rooted Begonias
1 Lilium Longiflorum	1 Amaryllis Treatea	1 Caladium (Elephant's Ear)	
	1 Tigridia		

This collection will furnish flowers from early spring until late in the fall and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

PHADRANASSA GLORIOSA

The flowers are borne in pendulous clusters, and with an odd mingling of colors, green, orange, scarlet, etc.; always admired, for it is a very odd and exceedingly interesting plant; the clusters of fine drooping blossoms are entirely unlike any other species of Amaryllis. Each **15c**, 3 for **40c**.

Phadranassa Gloriosa (Gay Queen or Queen Lily)

THE RESURRECTION PLANT

(Or Rose of Jericho)

Imagine a bunch of withered-looking curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour what a transformation. The withered-looking bunch has now opened, and is transformed into a patch of bright green moss. Each **15c**, 2 for **25c**.

SNAKE LILY

(Sauromatum or Amorphophallus Simlense)

A very remarkable flower, 15 inches long, the inside of which is of a peculiar golden color, spotted purple, while the back is of metallic brown. Fine palm-like foliage. (See illustration). Large bulbs **15c** each, 2 for **25c**.

Snake Lily

50c. Spring Bulb Collection

Contains **15** splendid Summer Flowering Bulbs which we will send free by mail or express for only **50 cents**:—

1 Double Dahlia	1 Hyacinthus Candicans
2 Gladioli	
1 Cinnamon Vine	1 Madeira Vine
2 Tuberoses	1 Tigridia
3 Milla	3 Oxalis

All the above bulbs are fully described, and most of them illustrated in the Bulb department of this Catalogue.

TIGRIDIAS

(Peacock Tiger Flower or Mexican Shell Flower.)

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted.

Canariensis—Bright yellow. Each **6c**, doz **60c**.

Conchiflora — (Mexican Shell Flower)—Dark yellow, large red spots. Each **5c**, doz **45c**.

Pavonia (Peacock Tiger Flower)—Very large, bright crimson centre, mottled with yellow. Each **5c**, doz **45c**.

Grandiflora Alba — Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. Each **6c**, per doz **60c**.

Tigridia or Tiger Lily

SPECIAL OFFER OF TIGRIDIAS

One each of the above four varieties for **20c**, or three Bulbs of each variety for **45c**.

Begonia "Luminosa"

Rex Begonia

Begonia Thurstonii

CYPERUS, OR UMBRELLA PLANT

A strikingly handsome plant, suitable for the house, of easy culture, and sure to give you complete satisfaction. It reproduces itself from the roots and may be subdivided. Each **20c**, 3 for **55c.**

ORNAMENTAL ASPARAGUS

SPRENGERI—A pot plant or for planting in suspended baskets; the fronds are of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. An excellent house plant, as it withstands dry atmosphere. Strong plants, **25c** each.

Plumosus Nanus—This graceful climbing Asparagus has to a great extent taken the place of the once popular Smilax. It is much more graceful, its foliage being finer than that of the most delicate fern, and it wil last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. Strong plants, **25c** each.

SPECAL OFFER—One each of the two Asparagus Ferns, **45c.**

Asparagus Plumosus

AGAPANTHUS UMBELLATUS (Blue Lily of the Nile)

Flowers are very bright, produced on long spikes, raising them well above the plant. There is no better plant for growing in pots or tubs on the lawn. Grow very rapidly and should be divided and repotted when roots overcrowd the pot. Blue or white. Each **30c.** Large plants **50c**, by express.

AGERATUM—Very useful for borders

Blanche Dwarf—Compact, pure white.

Inimitable—Lovely lavender blue, the finest Ageratum in existence.

Princess Pauline—Blue, with white center.

Each **10c**, doz. **$1.00.**

FLOWERING BEGONIAS

Alba Picta—The leaves are glossy green, freely spotted with bright silvery white.

Argentia Guttata—Upright grower, largely spotted white.

Bertha Chateaurocher—Bright cherry red.

Compta—Stems and under side of leaves red, upper side white and green.

Feastii—Low growing glossy leaves, pink flower.

Incarnata Grandiflora—Rich pink, best winter variety.

Manicata Aurea—Large, glossy, green leaves, beautifully blotched with creamy white, clear carmine etchings in the matured leaves

Marguerite—Of the style of Metallica, but a hardier and better grower.

Odorata—White, sweet-scented.

Otto Hacker—Vigorous grower, upright habit, with large, shining deep green leaves. The flowers are borne in immense clusters. Color a beautiful coral red.

Paul Bruant—Light pink, glossy fine foliage—good for winter.

Pond Lily—Glossy, roundish leaves, pink flowers, mostly in winter.

Thurstonii—Rich, pink handsome foliage. (See cut).

Weltoniensis—Best summer blooming variety—pink.

ANY OF THE ABOVE 20c EACH

SPECIAL OFFER—Any three varieties for **50c**, postpaid.

BEGONIA "LUMINOSA"

This is after the type of the old variety Erfordii, but of more symmetrical growth. Flowers brilliant scarlet are produced in the greatest abundance all the year around. Fine either as a pot plant, as a bedder, or for basket vases, etc. The best all round variety. Price—each **25c**, 5 for **$1.00.**

BEGONIAS—Single tuberous-rooted, variety of colors, well started plants. **15c** each. Per doz. **$1.70.**

BEGONIA—Double tuberous-rooted, assorted colors, good strong plants, **25c** each. Per doz **$2.80.**

Rex Begonias (Ornamental Leaved Varieties)—Many improvements have been made in recent years in this useful house plant. Our collection, which contains some 20 varieties, embrace all the good old varieties, as well as the best of recent introductions. (See cut.) **25c** each.

"New Century" Giant Flowering Caladium

ALTERNANTHERA

Beautiful dwarf plants of compact habit, growing about six inches high, admirably adapted for edgings, beds or ribbon lines. In four best varieties. Each **8c**, doz **80c**, postpaid; **$6** per 100, at purchaser's expense.

CHINESE PRIMROSE

Our plants are of the largest flowered class, grown from seed. Each **25c**, postpaid.

GREVILLEA ROBUSTA

A very beautiful shrubby plant with fern-like foliage, and rich, golden-yellow trusses of flowers; soon forming fine plants. Plants, each **25c**, 3 for **65c.**

"CENTURY" GIANT FLOWERING CALADIUM

It produces leaves from 3 to 5 feet long, 2 to 2½ feet abroad, and is much larger than the ordinary Caladium or Elephant's Ear. The leaves are of a heavy leathery texture, bright glossy green color with metallic lustre, and are held on stout, stiff stems, well above the ground. Added to the foliage effect are the creamy white lily-like flowers from 12 to 15 inches long, which possess an exquisite fragrance, and are produced throughout the summer. **35c** each.

CALADIUM ESCULENTUM (or Elephant's Ears)

Immense shield-shaped leaves, strongstarted plants. **35c** each, 3 for **$1.00**; **$3.00** per doz., by express.

BOUGAINVILLEA SANDERIANA

This beautiful free-flowering variety, on account of its free-flowering qualities, has become quite popular It is of strong and rapid growth, and the brilliant rosy crimson blossoms are produced almost the whole year. **25c** each.

CHRYSANTHEMUMS

Early Flowering Kinds (Large Flowers)

Carrie—Rich yellow.
C. Choulet—Orange.
Goacher—Crimson and gold, of fine size.
Mad. Gastalier—White.
Mdlle Marthe Morel—Pink.
Madame Pasquier—Canary yellow.

Any of the above list 10c each.
The set of six for 55c, postpaid.

Standard Varieties

Our list of Chrysanthemums is comprised exclusively of varieties standing first in their type and color.

Beatrice May—Pink turning to white.
Black Hawk—Finest crimson to date.
Cheltoni—Perfect yellow.
Clementine Tousset—Large early white.
Dr. Englehard—Pink, large ball-shaped flowers.
Crowning Glory—Sulphur yellow, hairy, very late.
Golden Wedding—Undoubtedly the grandest golden yellow variety.
George S. Kalb—Best very early white.
Ivory—Pure white, a splendid free-flowering variety.
Jeanine Nonin—Late white, probably the largest flower to date.
L. Boehmer—Silvery pink, and deep rose ostrich plume type.
Marian Henderson—Early yellow.
Monrovia—Soft yellow, very perfect.
Mrs. Wm. Duckam — Deep yellow, fine pot plant.
Nagoya—Rich deep yellow.
Nellie Pockett—Creamy white.
Paul Labbe—Bright purple, large.
Timothy Eaton—Finest and largest white; awarded highest honors whenever exhibited.
Wm. Duckam—Fine clear pink.
Yellow Eaton—Very large yellow

Any of the above list 10c, 6 for 60c, 12 for $1.20.
One each of the 20 Varieties, $1.90 postpaid.

Lady Bountiful.

CARNATIONS

Excelsior—Sport from Enchantress, of a rose pink color.
Gov. Roosevelt—Rich scarlet shaded maroon.
Mrs T. W. Lawson—Dark pink, large.
Lady Bountiful—Very fine white.
Red Lawson—Red.
White Perfection—Largest white.

Any of the above Carnations, 10c each.

FUCHSIAS

Avalanche—Best dark Double, Fuchsia, fine foliage.
Arabella—White tube and sepals, rose corolla, early.
Black Prince—Bright waxy carmine, pink corolla.
General Roberts—Red sepals, plum corolla, flower 4 in. long extra fine.
Mrs. E. G. Hill—Short tube and sepals, bright, rich reddish, crimson color; corolla extra large, full and double; flowers of the largest size.
Molesworth—Best double white.
Mad. Bruant—One of the most double, sepals bright red; corolla rosy helitrope, marked and veined with rose.
Rose of Castile, Improved—White with violet centre.
Speciosa—Flesh color sepals, red corolla. Finest of all for winter flowering.
Wave of Life—Golden foliage, crimson tube and sepals; fine purple corolla.

Any of the above 15c each, 3 for 40c.

One each of the above 10 varieties for $1.30 postpaid.

Fuchsia

Fuchsia "Riccartoni"—This is the tree Fuchsia, which is hardy in Great Britain. It will not stand our winters outdoors, but makes a very fine tub plant. Flowers are light red, smaller than the ordinary Fuchsia, and are produced in the greatest profusion, especially in large plants. Each **30c**

COBÆA SCANDENS

A beautiful climber of rapid growth, bearing large, bell-shaped flowers.
Price—Large plants, each **20c**, 3 for **50c**.

COLEUS

Price—Each **10c**, 6 for **50c**, per doz **90c**, per 100, **$6.50**.

CYCLAMEN (Persicum Giganteum)

White and pink. Each **25c**, 5 for **$1.00**.

DRACENA (or Cordyline)

Indivisa—This variety is used very extensively as a centre plant for vases, urns, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other foliage and flowering plants. Small plants, each **15c**, postpaid; medium **25c**; large **75c**, by express only.

Coleus

CLIVIA MINIATA (Immantophyllum)

A pretty lily like plant of the easiest culture, and the most desirable house plant. It flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about two inches long, and are borne in dense clusters of from ten to twenty flowers on each. In color it is of a fine orange red shading to buff. Price—Good plants, **$1.50** each. by express only.

SURPLUS COLLECTION

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th and we will send plants amounting to not less than **$2.00**, at Catalogue prices, and pay postage. If ordered by express we can send many more plants and of larger size; but they are always of our selection. Price **$1.00**. Ready May 25th.

Hibiscus, Peachblow

GLOXINIA

Our collection embraces all the popular varieties, ranging in color from the purest white, through all the shades of crimson and purple, spotted and mottled. Plants each **25c**.

HIBISCUS

Peachblow—The flowers are double and from 4 to 5 inches in diameter; of a charming, rich clear pink color, with a small deep crimson centre; an entirely new and most beautiful shade.

Miniatus Semi-Plenus—Double, rich crimson.

Sub Violaceous—Extra fine double, rosy red.

Carminatus Perfectus—Large orange red, single.

Any of the above 25c each, 4 for 75c.

Double Geranium

GERANIUMS

By Mail, Postpaid.

DOUBLE AND SEMI-DOUBLE GERANIUMS

Admiral Jones—Rich Crimson.
Adrienne Corret—Light rosy red, shaded magenta, fine bedder.
Alphonse Ricard—Light, scarlet, large.
A. H. Frego—Brightest scarlet.
Beaute de Poitevin—Very large, semi-double, brilliant salmon.
Bertha de Presilly—Delicate pure pink, sometimes marked red.
Bruant—The double General Grant, the standard scarlet bedder.
Comtesse de Harcourt—Very fine white.
Cratere—Rosy carmine, light centre.
Dr. Philippe Tissie—Reddish pink, white centre.
G. Fantino—Light salmon rose.
Jean Oberle—Salmon white edge.
Jean Viaud—Fine, large pink.
Jno. Doyle—Bright scarlet.
Jules Privat—Light rose.
La Favorite—The trusses are very large, flowers beautifully formed, of the purest white.
Marquis de Castellane—Magenta, very fine.
Roi de Portugal—Purplish rose, white centre.
S. A. Nutt—The best rich dark crimson variety. A fine bedder.
Theocrite—Blush, white.

Any of the above **10c**, each, 3 for **30c**, per doz **$1.20.**

SINGLE GERANIUMS

Single Geranium

Athlete—Light red.
Baronne Grubissich—Clear pink.
Camille Bernardin—Blush white, tinted rose.
Jacquerie—Rich crimson best of its color.
Juste Olivet — Pink, reddish centre.
Lady Reed—Light salmon best of its color.
L'Aube—Immense pure white.
Madame Bruant—White veined and edged purplish pink; good bedder.
Mlle. Chainjeau—Rich flesh color.
Mrs. E. G. Hill—Large, deep salmon.
Phoebe—Magenta.
Sam Sloane—Dark scarlet, "The Scarlet Bedder."

Any of the above **10c** each, 3 for **30c**, per doz **$1.20.**

BEDDING GERANIUMS

We can supply bedding size Geraniums, well grown thrifty, strong plants of the leading sorts at **$1.25, $1.50, $1.75** and **$2.00** per doz.

SCENTED GERANIUMS

Rose, Lemon, Nutmeg, Mrs. Taylor (scarlet flowers). Each **15c**, one each of the four **55c.**

IVY LEAVED GERANIUMS

The double Ivy Geraniums are remarkably popular at present and, deservedly, for the new Hybrids in richness of color surpass all Geraniums.

Beauty of Castlehill—Beautiful soft red, extra large.
Bride—Pinkish white.
Cæsar Franck—Large deep red.
Col. Baden Powell—Blush white with dark centre.
Coriubhieune—Blush rose.
Jeaune Gillet—Rich purple.
Robert Owen—Very large rosy red.
Roi de Wurtemburg—Light red.
Souvenir de Chas. Turner—Light scarlet, double.
Theodore—Dark red.

Any of the above **15c** each, 2 for **30c**, 6 for **85c.**

VARIEGATED-LEAVED GERANIUMS

Madame Salleroi—(Silver Edge) A dwarf variety rarely over 6 inches high, foliage green bordered white, fine for edgeing, **10c** each, 3 for **25c**, **75c** per doz.

Mrs. Pollock — Golden tricolor bronze scarlet zone, golden edge scarlet flowers. Each **10c**, doz **$1.00.**

Marshal MacMahon—Best bronze silver leaved. Each **10c**, 3 for **25c.**

Silver Nutt—Double crimson flowers. Each **10c**, 3 for **25c**, doz **$1.**

Wm. Languth — Light red, double. Each **15c**, 2 for **25c.**

Variegated Leaved Geranium "Wm. Languth"

HYDRANGEAS

The Hydrangea are well known favorites, grown as pot plants, their immense heads of bloom making them very conspicuous. A little shade and plenty of water meet all their needs.

Hydrangea Paniculata—See Hardy Shrubs, page 87.

Otaksa—A Japanese variety lately introduced, beautiful large glossy foliage, large heads of pink flowers. **20c** each, 3 for **50c.**

Otaksa Monstrosa—Intense red; shaded white; borne in large clusters, quite small plants bearing blooms of the most enormous size, and which are very lasting in quality, **20c** each, 3 for **50c.**

Thomas Hogg — Large, purewhite flowers, which, on well grown plants measure more than 12 inches in diameter, **20c** each, 3 for **50c.**

Hydrangea Otaksa Monstrosa

Hortensis Nigra—Rich pink, very large and fine, black stems. **20c** each 3 for **50c.**

HELIOTROPES

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer. **10c** each, 3 for **25c**, doz **$1.00.**

LEMON VERBENA

A universal and well-known favorite grown principally for its deliciously scented foliage. **20c** each, 3 for **50c.**

BEAUTIFUL WEEPING LANTANA

A trailing variety flowering freely; color mauve or lilac. Price — each **10c**, 3 for **25c**, 6 for **50c**, postpaid.

MANETTA BICOLOR

Flowers tubular, bright red, tipped yellow. **15c** each, 2 for **25c.**

MUSA ENSETE

Abyssinian Banana — A grand lawn plant of easiest cultivation in the open ground in summer, or for the conservatory in winter. Large plants **$1.50** each, by express only.

Heliotrope

The Wonder Lemon

THE WONDER LEMON

A Lemon with large glossy leaves and bearing fruit of immense size. Easily grown and cared for. Small plants, **20c** each.

IVY (English)

Can supply either the green or variegated leaved variety. Price **20c** each.

IMPATIENS

Sultani — Sultans Balsam flowers bright pink. Price **15c** each.

Holstii—Robust growth, brilliant orange flowers. Price **15c** each.

NICOTIANA

Affinis—Known as Evening Tobacco, scented white flowers, **10c** each, **$1.00** doz.

Sanderæ — Light purplish red flowers. **10c** each, **$1.00** doz.

PANSIES AND DAISIES

Pansy

Pansies Grown from prize strain. There are no better Pansies. These should always be sent by express. Doz (not prepaid) **50c**, 25 for **$1.00** 50 for **$1.75**, 100 for **$3.50.**

Daisies—Pink and white, 3 for **10c**, **35c** doz, **$2.50** per 100.

PETUNIAS DOUBLE

A fine assortment of the best sorts of all colors. Each **15c**, 2 for **25c**, doz **$1.40.**

PRIMULA

Obconica—One of the most useful flowering plants, always completly covered with flowers of a soft lilac shade. Each **25c.**

Primrose, hardy double white. Each **20c**, 3 for **50c.**

Primrose, Harry Mitchell—Very large, yellow. Each **20c**, 3 for **50.**

SALVIA

Can supply the following varieties: Bonfire, Ingenier Clavenad, Little Lord Fauntleroy, Silverspot. Each **10c**, dozen **$1.00.**

SWAINSONIA GALEGIFOLIA ALBA

A most desirable ever-blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. **15c** each, 2 for **25c.**

PELARGONIUMS (Lady Washington Geraniums)

These are the Royal George or Lady Washington Geraniums of old times and which are now becoming as popular as ever again, and certainly nothing is showier as a pot plant for summer. We offer a number of the choicest kinds embracing all shades of color.

Maid of Honor—White, with pink and crimson blotches.
Mrs. F. Mitchell—Dark pink, maroon spots.
Queen Wilna—Blush pink, with maroon spots.
Surprise—Red, with crimson and maroon shading.
Bridegroom—Lavender pink, with larger blotches
Dr. Andre—Clear reddish pink, maroon spots.
Emperor—Very light pink, spotted crimson.
Victor—Clear red, blotched maroon, very fine.
Each **20c**, one each of the eight varieties, **$1.50.**
We can supply larger plants of the above at **40c** each.

Pelargonium (Lady Washington Geranium)

FINE FERNS

The following list are amongst the hardiest and most useful for decorating purposes.

Adiantum Cuneatum—The popular Maiden Hair Fern.

Aspidium Tsussimense — One of the best for fern dishes.

Cyrtomium Falcatum — Glossy leaved Holly Fern.

Nephrolepis Bostoniensis— Boston or Fountain Fern.

Nephrolepis Scotti — Semi-dwarf form of Boston Fern.

Nephrolepis Whitmani — Much the finest and best of the improved Sword Ferns, it is nearly as finely cut as the Maiden Hair Fern.

Boston Fern

Polystichum Setosum—Very fine.
Pteris Cretica Alba Lineata—A useful variegated variety.
Pteris Tremula—Well-known and useful Fern.
Pteris Wimsetti—Crested foliage.
Price of any of the above, each **30c.** One of each of the above list (10 varieties), **$2.50**, postpaid.

ARAUCARIA

(Norfolk Island Palm)

Excelsa—The most popular of all the tender evergreens; is becoming a greater favorite every season. As a decorative plant for the house this is one of the handsomest and most serviceable plants. Price —5 inch pots **$1.25.** 6 inch pots **$2.00**, each. By express only.

RUBBER PLANTS

Ficus Elastica—The well-known India rubber tree, one of the very best for table or parlor decoration.
4-inch pots....**$0 70** 5-inch pots....**$1.00** 6-inch pots....**$1.25**
By express only.

KENTIA BELMOREANA PALM—The best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green foliage, gracefully disposed; as a decorative plant for the window, table or conservatory, it scarcely has an equal. (See cut)

12-15 inches high, each....**$0.65**
15-18 inches high..... **1.00**
By express only.
18-22 inches high..... **1.50**
22-24 inches high..... **1.75**

SPECIAL HOUSE PLANT OFFER

Mailed, postpaid, for only **$1.25**

One Boston Fern.
One Rubber Plant.
One Kentia Belmoreana Palm.
All Good Plants

Kentia Belmoreana

ANNUALS

During the bedding out season we supply strong, well grown, thrifty plants of the following:

ASTER—Comet, in colors, pink, white or blue.
" " mixed.
ASTER—Giant—Branching, in colors, white, light blue, pink.
" mixed.
ASTER—Hohenzollern—in colors, white, rose, azure, blue.
" mixed.
ASTER—Truffauts Pæony flowered—in colors red, white, blue.
" mixed.
BALSAM—Camellia flowered double mixed.

MARIGOLD — African tall, mixed.
" African dwarf mixed.
" French tall mixed.
" French dwarf mixed.
Phlox Drummondi mixed.
Petunia—Emperor, mixed.
" Giants of California, mixed.
" Extra Mottled, mixed.
Snapdragon—Tall mixed.
" Dwarf mixed.
Stocks—Double 10 week mixed.
" Double white.
Verbena—Mammoth mixed.
Zinnia—Double mixed.
Per dozen **20c**, postpaid.

ROSES

NEW DWARF BEDDING ROSES OR BABY RAMBLERS

A type of Rose which is becoming very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost, immense trusses of small flowers.

Dwarf Crimson Rambler

Crimson Baby Rambler—(Mad Norbert Levavasseur) Crimson flowers, similar to the popular climbing Crimson Rambler.

Pink Baby Rambler—(Anny Muller). Brilliant luminous pink — a shade that is always admired.

White Baby Rambler—(Katherine Zeimet). Pure white flowers produced in large candelabra-shaped trusses, showing the yellow stamens very prettily.

Price—Any of the above Strong Plants, **25c.** each, **3** for **70.**

White Hybrid Perpetual Rose "SNOW QUEEN"

(Frau Karl Druschki)

This hardy Rose is of German origin, and was first disseminated in 1900, and has since won many prizes and made many friends. It appears to be the **ideal hardy White Rose**. Its flowers, which are very large, are perfect in form and snow-white in color, with large shell-shaped, petals, forming a beautiful flower. The plant is a strong, vigorous, healthy grower. Strong 2-year-old plants, **40** cents each; 3 for **$1.00.**

"KILLARNEY"

The New Hardy Everblooming Irish Hybrid Tea Rose

It has been thoroughly tested and all who have grown it agree that both as a Rose for outdoor culture as well as for growing under glass it has a brilliant future.

It is perfectly hardy, having withstood the severe winters without protection; in growth it is strong and robust, and as free flowering as any Rose. In color it is sparkling, brilliant, imperial pink; the blooms are large, the buds long and pointed, the petals very large and of great substance, and just as handsome in the full blown flower as in the bud-form. Two-year-old plants, each **40c,** 3 for **$1.00.**

HARDY TEA ROSES (Low-budded on Briar Stocks)

That will produce a mass of Roses to cut during the entire Season.

Augusta Victoria—Large creamy white flower, shading deeper towards the centre.

W. A. Richardson—Orange yellow, entirely new shade, very desirable.

Hermosa—Undoubtedly the best pink bedding rose in cultivation.

Mme. Caroline Testout—A magnificent rose equally valuable for summer or winter blooming; flowers full, very large, globular form, color clear satin rose, very fragrant. This variety resembles Lafrance, but its color is more deep, vivid and brilliant.

Maman Cochet—It is an extra strong, clean, vigorous grower, producing its charming buds and flowers in the greatest profusion. Its color is of a deep rose pink, the inner side of petals silvery rose. They are borne on long stout stems, very double and simply exquisite when in bud or half-bloom.

Papa Gontier—One of the finest Roses either for out of doors or for winter forcing; dark carmine crimson.

Gruss an Teplitz—The reddest of all Red Roses, blooming continuously all summer. In color it is of the richest scarlet, shading to a velvety crimson as the flowers mature. Flowers are of large size both in the bud and when open, full and double; very fragrant.

Strong two-year-old bushes **40c** each, 3 for **$1.00; $4.00** doz, postpaid.

HALF-HARDY TEA OR EVER BLOOMING ROSES

(Grown on own roots)

These Roses are of great substance, with remarkably long, handsome buds and shell-petaled flowers of most exquisite soft shades and distinct tea-like fragrance. Largely grown in pots for winter blooming. Our roses are from summer propagations and are thus tough, vigorous, well-rooted and hard.

Bessie Brown—A strong, vigorous grower of erect branching habit flowering in great profusion from June until frost. Flowers of perfect form, large size, of good substance and highly fragrant; color creamy white.

Champion of the World—Deep rosy pink, very free flowering.

Gruss an Teplitz—This is the reddest of all red roses, is a rose for everybody, succeeding under the most ordinary conditions. In color is of the richest scarlet shading to a velvety crimson as the flowers mature; large very fragrant, strong grower, profuse bloomer. Young foliage is of a bronze plum color.

Franz Deegen—Seedling from Kaiserin Augusta Victoria. A strong healthy grower throwing up fine shoots very freely, which bear the splendid flowers proudly erect. The foliage is dark green and glossy, of fine substance, mildew resisting. A free flowering rich yellow shading to deep orange in the centre.

Kaiserin—Soft pearly white, tinted with just enough lemon in the centre to relieve the white; remarkably fragrant, beautifully formed flowers, on long graceful stems; a strong free healthy grower, with bold beautiful foliage.

Meteor—Rich dark, velvety crimson, retaining its color, a constant bloomer, healthy with no tendency to mildew.

Viscountess Folkestone—A large, full flower of creamy pink, shading to deep salmon pink in the centre; very floriferous.

Snowflake—This variety is never out of bloom, and for a pure white bedding rose its equal is hard to find.

Clothilde Soupert—Color French white, deepening to rosy blush in the centre; one of the freest-flowering roses in cultivation, being in bloom all the time.

Maman Cochet—An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose pink, inner side of petals silvery rose. Borne on long stiff stems; very double when in bud.

Any of the above, each **20c,** 3 for **50c.** The set of ten half-hardy Tea or ever blooming Roses for **$1.50,** postpaid.

Rose "Frau Karl Druschki"

Half Hardy Tea or Ever Blooming Roses

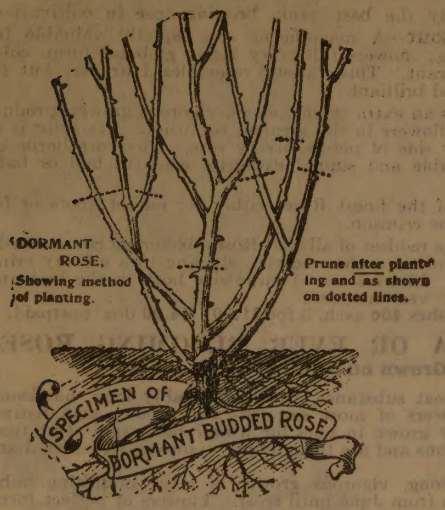
Hardy Tea Roses

HOW TO GROW ROSES

To obtain most satisfactory results Roses should be planted in rich deep, well-drained soil and severely pruned in spring before buds start. In severe winters some varieties freeze down if unprotected. An excellent plan to winter successfully is to knock out the heads of old nail kegs and slip one over each bush just before winter and fill the keg with fine earth. In the spring early take off the keg and prune off the wood above the keg—which would be about the right height to prune a rose bush. In this way roses can be grown anywhere, and what is there to equal the rose in beauty.

HARDY ROSES

LOW BUDDED ON BRIAR STOCKS



The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these roses, although budded, will emit roots where the true Rose joins the briar stock and will eventually become established on their own roots. The great value of these budded Roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is, that having no soil on the roots, and being dormant they are of little weight and can be sent cheaply by post or express.

HYBRID PERPETUAL ROSES

Alfred Colomb—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.

American Beauty—The flowers are very double, of a deep crimson color, and very fragrant.

Baron de Bonstettin—Dark red, almost black; very large, double fragrant flowers; a strong grower.

Baroness Rothschild—A magnificent rose, color rich satiny pink.

Captain Christy—A lovely rose, blooming almost the entire season; very large double buds of deep flesh color.

Captain Hayward—Bright crimson carmine, an entirely distinct shade of color, of perfect form and very sweet.

Coquette des Blanches—Pure white, large and globular.

Duchess of Albany—Rich deep pink.

Fisher Holmes—Rich velvety crimson, large double, and of fine form.

General Jacquimenot—Brilliant scarlet crimson.

Gloire de Margottin—Dazzling scarlet.

John Hopper—Bright rose, carmine centre, flowers large, cupped.

Jules Margottin—Bright carmine, cupped, very fragrant.

La France—Splendid satin rose; large, fine form; a constant bloomer.

Louis Van Houtte—Dark velvety crimson, of good form.

Marshall P. Wilder—Cherry carmine, large, full, semi-globular flower

Mabel Morrison—Pure white, in autumn faintly flushed with pink, a lovely and distinct rose.

Madame Augustine Guinoisseau, or White Lafrance—A beauty indeed, identical with "La France" except the color, which is pearly white sometimes tinted with fawn.

Marchioness of Londonderry—Ivory white petals, of great substance, shell-shaped and reflexed, highly perfumed.

Madame Gabrielle Luizet—Fine satiny rose, very large and full.

Magna Charta—Bright pink, suffused with carmine; a beautiful rose; strong vigorous grower.

White Lafrance

Margaret Dickson — The flowers are of the purest white, of extra large size and of immense substance; vigorous grower with fine foliage.

Merveille de Lyon — Pure white, shaded with satiny rose.

Mrs. John Lang—Delicate pink with satiny tinge.

Paul Neyron — Dark pink. Flowers often five inches in diameter, strong grower, almost thornless.

Prince Camille de Rohan—Deep velvety maroon, shaded scarlet.

Ulrich Brunner—Large bright cerise red.

White Baroness—Pure white.

Yellow Persian—Bright golden yellow, hardy rose.

Extra heavy two-year-old bushes **30c** each, 4 for **$1.00**, doz **$3.00** postpaid. Special quotations on larger quantities.

Hybrid Perpetual—Margaret Dickson

DAMASK ROSES

These four old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Cabbage or Provence—Rose pink flowers.

Madame Hardy—Beautiful large double white flowers.

Madame Plantier—Pure white, and a free bloomer; unrivalled for hedges or cemetery use.

White Provence—Pure white, delightfully fragrant.

Strong two-year old bushes **35c** each, the set of 4 for **$1.25** postpaid.

Hardy Rose—Paul Neyron

Hardy Climbing or Pillar Roses

Climbing or Pillar Rose

The following list comprises the best of the hardy Roses, which are of climbing habit, and suitable for training on pillars, verandahs, etc.

Reine Marie Henriette (Red Gloire de Dijon)—Rich cherry crimson.

Sweet Briar — True old English, rosy pink.

William's Evergreen—Good size, bright pink, very attractive.

Prairie Belle—Deep red, full and double, strong grower.

Baltimore Belle — Blush white flowers in clusters, very double.

American Rubra — Rich cherry crimson, one of the finest.

Alpino Calippo—Purplish crimson, semi-double.

Madame Sancy de Parabere—Large scarlet, flowers, vigorous grower.

Strong two-year-old bushes, 35c each. $3.60 doz, postpaid.

RUGOSA ROSES

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 ft. in height, covered with glossy foliage and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods.

Rugosa—Fine glossy crimson.

Rugosa Alba—Pure white.

Extra strong plants **40c** each, **$4.00** doz, postpaid.

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flower consists in the delicate mossy covering which surrounds the bud and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau—Lovely pure white, large and full.

Crested Moss—Deep pink, crested.

Glory of Mosses—Color rich glossy pink, tinged crimson.

Salet — Bright pink, blush edge, large and full, mossy.

Mrs. Wm. Paul—Clear rosy.

Strong two-year-old flowering bushes 30c each; set of 5, $1.25, postpaid.

Moss Rose

THE MEMORIAL ROSE
(Rosa Wichuriana)

A beautiful single rose from Japan, blooming in clusters. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prostrate trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants, **40c** each, **$4.00** doz, postpaid.

MARESCHAL NEIL (Noisette)

Tender climbing rose so famous as to hardly need description. Beautiful large golden yellow; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too short. Strong two-year-old plants each **60c**, postpaid.

RAMBLER ROSES

These climbing roses are of vigorous growth, making shoots from 8 to 10 feet in height during a season, and are consequently most desirable climbing varieties; when pegged down or grown as bushes marvellous heads of bloom are the result. They are exceedingly hardy. The flowers are produced in large trusses of pyramidal form.

Crimson Rambler — Strong two-year-old bushes at **40c** each, **$4.00** doz.

Yellow Rambler (Aglaia)—Extra strong two-year-old bushes **40c** each, **$4.00** doz.

White Rambler—(Thalia)—Extra strong two-year-old bushes **40c** each, **$4.00** doz.

Pink Rambler (Euphrosyme)—Similar in habit to the White and Yellow Ramblers, except in color, which is a pure rose color, the partially open buds being bright carmine. The numerous yellow stamens lend an additional charm to the flowers. Strong two-year-olds bushes **40c** each, **$4.00** doz.

SPECIAL OFFER—One each of the 4 Ramblers, extra strong bushes, for $1.40, postpaid.

Crimson Rambler

THE PHILADELPHIA CRIMSON RAMBLER

It differs from the Crimson Rambler in two important particulars. First, the color is brighter, deeper and more intense. Second, the flowers are perfectly double to the center. It is a strong, healthy grower, free and abundant bloomer. Strong plants, each **40c**, 3 for **$1.00.**

DOROTHY PERKINS

New Pink Rambler Rose—As hardy as Crimson Rambler and same habit of growth. The flowers are about one and one-half inches across; are borne in clusters of from ten to thirty, and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading. Strong plants, each **40c**; 3 for **$1.00.**

LORD PENZANCE'S HYBRID SWEET BRIARS

Lord Penzance's Sweet Briars

These are crosses between the common Sweet Briar and various old-fashioned Garden Roses; the flowers are single or semi-double. The plants are perfectly hardy, and the foliage is as sweetly scented as the common Sweet Briar.

Amy Robsart — Lovely deep rose, an abundant bloomer, robust and free.

Anne of Gierstein—Dark crimson, graceful branching habit.

Lady Penzance — Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

Lord Penzance — Soft-shade of fawn or ecru passing to the lovely lemon yellow in the center, sometimes toned with a most delicate pink; very sweet scented.

Lucy Ashton—Pretty white blooms with pink edges, not so large as some others, wonderfully free flowering; free grower, foliage very sweet.

We offer strong two-year-old budded plants of the above at 40c each, doz $4.00, the set of 5 for $1.75, postpaid.

HARDY PERENNIALS

This class of plants, familiarly known as **Old Fashioned Hardy Garden Flowers,** has come into public favor again so rapidly as to astonish even the most sanguine enthusiast of these gems of the garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week, yes, almost every day, brings forth something fresh and new. Early flowering varieties open up their flowers often before snow has entirely disappeared, and continuing with constantly changing variety throughout the summer until late in the fall, when severe freezing weather only will stop persistent late bloomers.

ACHILLEA

The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white.

"The Pearl"—Each **20c,** 3 for **50c,** doz **$2.00.**

Rosea—Pink. Each **20c,** 3 for **50c.**

ACONITUM (Monkshood, or Helmet Flower)

The variety offered forms bushy clumps, with spikes 3 feet long, of hood shaped flowers, and are invaluable for planting under trees or in shady position succeeding better there than almost anywhere else.

Napellus—Large dark-blue flowers; August and September. **20c** each 3 for **50c, $2.00** per doz.

ANEMONE JAPONICA

They commence to bloom in August and increase in beauty until frost.

Double White "Whirlwind"—Excellent double white flowers, 2½ to 3 inches across, held up on stems 10 to 12 inches long. Very desirable for cut flowers.

Prince Henry—Large very double rich pink flowers. Beautifully formed and very free flowering. **20c** each, 3 for **50c, $2.00** per doz.

Queen Charlotte—The finest of all the anemones, large semi-double flowers of that pleasing shade of pink peculiar to the La France Rose, a color that is as beautiful as it is rare among hardy perennials.

Any of the above **20c** each; doz **$2.00.**

ANTHERICUM LILIASTRUM (St. Bruno's Lily)

A beautiful plant with narrow grass-like foliage; and long spikes of white, fragrant, lily-like flowers. Each **20c,** 3 for **50c,** doz **$2.00.**

AQUILEGIA (Columbines)

Aquilega or Columbine

The Columbines are old favorite late spring and early summer blooming plants, growing a bout 2 feet high, that succeed in any ordinary garden soil. The varieties offered are selection of the best kinds. (See cut.)

Canadensis — Our native Columbine, bright red and yellow.

Crysantha (Yellow flowered Columbine) —2½ feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs.

Skinneri—Scarlet, with greenish tips; very distinct.

Vulgaris—The European violet-blue sort.

Any of the above **20c** each, 3 for **50c,** doz **$2.00.**

ARABIS ALPINA (Rock Cress)

Specially adapted for the rock garden, but succeeds equally well in the border, where it forms a dense carpet, which is completely covered early in the season with pure white flowers. Each **15c,** doz **$1.50.**

ARTEMESIA ABROTAMNUM

(Old Man or Southernwood)

Dark green, finely cut foliage, with pleasant aromatic odor. Each **20c,** doz **$2.00.**

HARDY ASTERS (Michaelmas Daisies, or Starworts)

These are among the showiest of our late flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past. Our collection is made up of the choicest varieties only, the weedy sorts being eliminated. Each **20c,** 3 for **50c,** doz **$2.00.**

BLEEDING HEART (Dielytra Spectablis)

These pretty spring bloomers with their graceful drooping sprays of heart-shaped pink and white flowers, are very ornamental and bloom freely in early spring

Pink—Each, **20c,** 3 for **50c,** doz **$2.00.**

White — Each **35c,** 3 for **$1.00.**

Bleeding Heart

CAMPANULAS

Fine old garden plants which are now coming into favor again:

Cup and Saucer—Mixed colors.

Persicifolia—Purple flowers.

Persicifolia Moerheimi—New, very large white.

Pyramidalis—Blue and white.

Canterbury Bells—Purple and white. Any of the above, each **20c,** 3 for **50c,** doz **$2.00.**

CERASTIUM (Snow in Summer)

Tomentosum—A desirable low-growing plant with silvery foliage and white flowers, suitable for the rockery, or for carpeting dry, sunny spots such as covering graves or steep banks; can also be used with good effect in carpet bedding. **15c** each, 4 for **50c, $1.50** per doz.

CHRYSANTHEMUMS

(Marguerites, or Moonpenny Daisy)

Maximum Triumph—A free-growing plant, not exceeding 2½ feet in height, forming bushy plants, which continue in full bloom from early in July until late in October. The flowers are Daisy or Marguerite-like, 3 inches and over in diameter, pure white, with a golden centre; they are of great substance and last a week or more when cut. Each **20c,** 3 for **50c** per doz **$2.00**

Inodorum, pl. — Hardy species with finely cut foliage and pure white double flowers one or two inches in diameter. Flowering from June until frost. **20c** each, 3 for **50c,** doz **$2.00**

Shasta Daisy—Glistening white flowers often over 4 inches in diameter, and in bloom continuously from early in summer until late in the fall; perfectly hardy without protection, even in the most exposed location. **20c** each, 3 for **50c,** per doz **$2.00.**

Shasta Daisy "Alaska"—Very large white and branching habit. **20c** each, 3 for **50c,** per dozen **$2.00.**

Cup and Saucer Canterbury Bell

CLEMATIS DAVIDIANA

A shrubbery plant from two to four feet high, with fresh, bright foliage. Flowers are long, tubular, bell-shaped of a deep lavender color, and of delicious fragrance. Each **20c,** 3 for **50c,** doz **$2.00.**

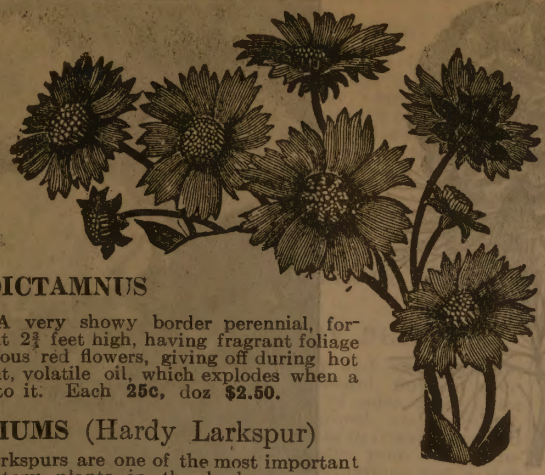
CORREOPSIS LANCEOLATA

(See cut)

This golden Correopsis begins to flower early in June, and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. It is easily grown, perfectly hardy, and succeeds in any position; once planted takes care of itself. Large clumps which will flower first season, **15c** each, 4 for **50c,** doz **$1.50.**

DIANTHUS

Plumarius Pheasant Eye Pink) — Of dwarf, compact habit, blooming the entire summer; violet rose with deep crimson centre. Each **15c**, doz **$1.50.**



DICTAMNUS

Fraxinella—A very showy border perennial, forming a bush about 2¾ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. Each **25c**, doz **$2.50.**

DELPHINIUMS (Hardy Larkspur)

The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of various shades of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seed.

Mixed Hybrids—Each **20c**, 3 for **50c**, doz **$2.00.**

Digitalis or Foxglove

DIGITALIS (Foxglove)

Stately growth, fine for shrubberies and other half-shady places, three feet. Each **15c**, 2 for **25c**, doz **$1.50.**

DORONICUM

Excelsum—A strong growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. Each **20c**, 3 for **50c**, doz **$2.00.**

EULALIA

Japonica Zebrina (Zebra Striped Grass)—Variegated, having bars of yellow running crosswise, not longitudinally as in the ordinary form or varigation; easily grown. Each **20c**, 3 for **50c**, doz **$2.00.**

Japonica, Variegata—The long blades of this variety are striped green, white and often pink or yellow, flower stalks 4 to 6 feet high. It makes a very attractive specimen plant for the lawn. Each **20c**, 3 for **50c**, doz **$2.00.**

GAILLARDIA GRANDIFLORA

(See cut)—The flowers are large, very numerous, produced on long stems of excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermillion, and often a combination of all these colors, in one flower. Each **15c**, 4 for **50c**, 12 for **$1.50.**

Gaillardia Grandiflora

FUNKIA

Alba (Day Lily)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each **20c**, 3 for **50c**, doz **$2.00.**

Grandiflora Variegata Green and white, variegated foliage with purple flowers. **20c** each, 3 for **50c**, **$2.00** per doz.

NEPETA

Glechoma Variegata (Variegated Groundsel, or Ground Ivy)—A most useful variegated creeper for growing over banks and stones in the rockery. **15c** each, **$1.50** per doz.

GYPSOPHILA

Paniculata (Baby's Breath)—A beautiful old-fashioned flower, possessing a grace not found in any other perennial. When in bloom it forms a symmetrical mass of minute pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high colored flowers. **20c** each, 3 for **50c**, doz **$2.00**

Funkia Alba

HEUCHERA

Sanguina—About two feet high. The flowers are produced in loose, graceful spikes, and come in the greatest profusion. In color it varies from light coral red to crimson. Each **20c**, 3 for **50c**, doz **$2.00.**

HELENIUM

Pumilum—A most useful summer and autumn flowering perennial, growing about 18 inches high, and almost smothered with its golden-yellow blossoms. In England this is a great favorite as a cut flower, and is grown by the acre for the Covent Garden Market. **20c** each, 3 for **50c**, doz **$2.00.**

HEMEROCALLIS

Flava (Lemon Lily)—Lemon colored flowers, excellent for planting among shrubbery.
Dumorieri—Dwarf Day Lily, deep yellow.
Kwanso, fl. pl.—Double orange Day Lily.
Middendorfii—Low growing golden yellow.
Any of the above **20c** each, 3 for **50c**, dozen **$2.00.**

MYOSOTIS PALUSTRIS

Semperflorens—A variety that is hardly ever out of flower; useful on the rockery or in shady spots in the border. **15c** each, 4 for **50c**, doz **$1.50.**

HOLLYHOCKS DOUBLE

Hollyhocks are among the finest permanent garden plants, making a great display with little or no care. Double White, Yellow, Pink, Crimson and Scarlet. Price for two year old plants **20c** each, 3 for **50c**, doz **$2.00.** We can also supply good plants at **15c** each, 4 for **50c**, **$1.50** per doz.

HELIANTHUS (Hardy Sunflower)

Multiflorus, fl. pl. (Double Hardy Sunflower)—An extremely useful hardy plant. It bears profusely large double flowers of a bright yellow color.

Meteor—Large double orange flowers, with bold yellow guard petals; 5 feet; August and September.

Soleil D'Or — Deep golden yellow, quilled petals, not unlike a Dahlia. Each **20c**, 3 for **50c**, dozen **$2.00.**

HIBISCUS CRIMSON EYE (Perennial Mallow)

The flowers are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow from 5 to 8 feet high and form dense bushes, which are a complete mass of bloom. Each **20c**, 3 for **50c**, doz **$2.00.**

Hibiscus Crimson Eye

HYPERICUM MOSERIANUM

A new evergreen shrub, 2½ feet high, which is covered with large flowers from May until fall. They are about 2½ inches in diameter, of the richest pure golden yellow, while the petals are of great substance. It is really an ever bloomer. Each **20c**, 3 for **50c**, doz **$2.00.**

MONARDA (Bergamot)

Showy plants, growing from 2 to 3 feet high, with aromatic foliage, and producing their flowers during July and August.

Didyma (Oswego Tea) — Flowers bright scarlet, produced in spikes, **20c** each, 3 for **50c**, **$2.00** doz.

Japan Iris

Pæonia Tenuifolia

Chinese Pæony

DOUBLE CHINESE PÆONIES

These great big-hearted flowers of June are coming again to be as much liked as they were by our grandfathers. They grow from 1 to 3 feet high, producing the most magnificent blooms, which sometimes almost surpass the beauty of the rose. Another point which is largely in their favor is the fact that the plants are never attacked by either insects, animals or fungus disease. Pæonies will succeed in almost any kind of soil, but give best result when planted in deep, rich and somewhat moist loam.

IRIS (Fleur-de-Lis)

JAPAN IRIS (Iris Kæmpferi)—In beauty, size of flower, and richness of coloring, these Irises are grand, the flowers averaging from 6 to 8 inches across, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue. A golden yellow blotch surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy.

Named Varieties—Price **20c** each, 3 for **50c**, doz **$2.00.**

Mixed Varieties—Strong roots **15c** each, 3 for **40c**, doz **$1.50.**

GERMANICA—German Irises are certainly unparalleled for beauty; nothing in creation can vie with them unless the orchids from the tropics. Every shade of color may be found among them. and they will thrive in almost any soil without any care whatever. Strong roots **10c** each, 3 for **25c**, **$1.00** doz.

FLORENTINA—One of the earliest of the Iris family to bloom. Large flowers of a rich creamy white sometimes shaded violet, **10c**, each, 3 for **25c**, **$1.00** doz.

Pseudo Acorus—Foliage striped yellow and green. **20c** each, 3 for **50c**, **$2.00** doz.

INCARVILLEA (Hardy Gloxinia)

Delavayi—A new hardy tuberous-rooted plant, and one of the choicest perennial plants introduced in recent years. It produces large, gloxinia-like rose-colored flowers which last in perfection a long time; these are produced in clusters on stems 18 inches high; should be well protected with leaves during the winter, or the roots lifted and stored in dry sand in a cellar. (See cut) **25c** each, **$2.50** doz.

LYCHNIS (Champion)

Chalcedonicum—Heads of brilliant orange scarlet, grows 2 to 3 feet high, blooms all summer.

Semperflorens — Ever blooming light pink.

Viscaria — Double Red (Ragged Robin).

Any of the above Lychnis **20c** each, 3 for **50c**, doz **$2.00.**

Single Pyrethrums

PYRETHRUMS

Double—Hardy Chrysanthemums in beautiful double varieties. Each **25c**, doz **$2.50.**

Single—Hardy Chrysanthemums in beautiful single varieties. Each **25c**, doz **$2.50.**

Uliginosum (Giant Daisy)—Pure white, Aster-like flowers, about three inches in diameter. Each **20c**, 3 for **50c**, doz **$2.00.**

PENTSTEMON GENTIANOIDES

Large Flowering Hybrids—Graceful in growth, while the elegant beauty of their pyramidal spikes of the large Gloxinia-like flowers elicits the admiration of all. **20c** each, 3 for **50c**, **$2.00** doz.

GARDEN PINKS

Produce large quantities of fragrant flowers in May and June, almost equal to Carnations.

Her Majesty—Extra fine white. **Souvenir de Sale**—Rich pink.
Homer—Rosy red, dark centre. **Abbotsford**—Blush white.
Cornet—Light pink.
Each **20c**, 3 for **50c**, doz **$2.00.**

SELECT LIST OF CHOICE AND RARE DOUBLE HERBACEOUS PÆONIES.

	Each
Albatre—Ivory white, perfect flower	$1 00
Austerlitz—Beautiful delicate bright pink	40
Canary—Pale yellow	40
Charlemagne—Creamy White	70
Claire Dubois—Light rose, very late	40
Duchesse de Nemours—Bright pink, very large flowers	50
Eugene Verdier—Creamy White and Pink	70
Festiva Maxima—Pure white, centre red spotted	70
Jules Elie—Soft rose, silvery shaded	80
Madame de Verneville—Creamy white, large petals	80
Marie Lamoine—Pure white, centre flesh color	1 20
Meisonier—Purple, late	80
Zoe Calot—Fine Rose	80

We will supply one of each of the above list of double Pæonies for **$8.75.** Not prepaid.

NAMED VARIETIES.

Agida—Rich and glowing dark red.
Baron Rothschild—Bright rose pink.
Beaute Francaise—Beautiful clear red.
Duchesse D'Orleans—An extra large fine salmon pink.
Edulis Alba—A grand white, large in size, splendid full flower, exceptionally free in bloom.
Festiva Alba—A fine large pure white.
Humea Carnea—Large rose with flush centre.
Miranda—Deep rose, a fine full flower.
Modeste Guerin—Bright cherry rose.
Pottsii—Deep rose, late flowering.
Prolifera Tricolor—White with yellow, extra fine flower.
Purpurea Superba—Fine full rosy pink, extra choice flower.
Rosea Superba—Rosy pink.
Victoire Modeste—Rosy white, very pretty.

PRICE—Strong Roots of any of the above 25 cents each; $2.50 per doz; $18.00 per 100.

Sets of one of each of the entire collection, 14 varieties, for $2.80.

PÆONIES IN SEPARATE COLOR

Double White—Each **25c**, 5 for **$1.00**, doz **$2.00**, 100 for **$15.00.**
Double Pink—Each **25c**, 5 for **$1.00**, doz **$2.00**, 100 for **$15.00.**
Double Crimson—Each **25c**, 5 for **$1.00**, doz **$2.00**, 100 for **$15.00.**

Pæonia Officinalis—This type is one of the earliest to flower, coming in fully a week earlier than the general list of herbaceous sorts. We offer two distinct colors. All are strong growers and produce very large blooms. **Rubra**—rich crimson. **Alba**—blush white. **30c** each, **$3.00** doz.

Pæonia Tenuifolia, Double Flowering—Interesting and handsome, not only on account of their rich crimson flowers, which resemble in color the Gen. Jacquiminot Rose, but the fine feathery foliage makes them a handsome ornamental plant, even if they never produced a flower, always scarce and much sought after. (See cut). **30c** each, **$3.00** doz.

JAPANESE TREE PÆONIES (P. Moutan)—The Tree Pæonies differ from the herbaceous varieties in their growth which is in the form of a dwarf shrub; they are equally free-flowering, and commence blooming about three weeks earlier than the double herbaceous sorts, and while also perfectly hardy, they are benefitted by slight protection through the winter. Strong plants each **75c**, per doz **$9.00.**

Iceland Poppy

POPPIES

Iceland (Papayer Nudicaule)—These poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious lilac-like fragrance blooming from June to October. Mixed colors, each **15c**, 4 for **50c**, doz **$1.50**.

Oriental Poppy—Large flowers, 6 inches across, of the brightest imaginable scarlet, height 3 to 4 feet, **20c** each, 3 for **50c**, **$2.00** doz.

HARDY PHLOX

Their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil. We offer the following twelve distinct sorts, but can supply about thirty other varieties.

Hardy Phlox

August Revier — Reddish crimson.

Bertha — Light purple.

Blanche Comte—Deep crimson.

Champs Elysee—Rich purplish crimson.

Coquilicot—Light red, brightest of all.

Cross of Honor—Striped pink and white.

Jourdain — Purplish rose, large.

Jocelyn — Soft reddish pink.

Jeanne D'Arc — Large flowering, pure white.

Mad. Laisson — Salmon pink, deeper centre.

Pantheon— Light pink.

Richard Wallace—White with red eye.

R. P. Struthers — Carmine, white edge.

White Queen, (tall) late—Fine white. Each **20c**, 3 for **50c**, doz **$2.00**.

PHLOX AMŒNA—A dwarf-growing species, attaining a height of only 6 inches, completely covered with bright pink star-like flowers during April and May. **20c** each, **$2.00** doz.

PLATYCODON

Platycodons are closely allied to the Companulas and form neat branched bushes of upright habit, which bear a continual succession of flowers from June until October.

Grandiflorum—Deep blue cupped star shaped flowers. Each **20c**, 3 for **50c**, dozen **$2.00**.

Spirea Filipendula. fl. pl.

RUDBECKIA

"Golden Glow"— Attaining a height of 4 to 6 feet, it begins to flower early in the season and continues until late in the fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden-yellow Cactus Dahlia. **15c** each, 4 for **50c**, **$1.50** doz.

Fulgida — Brilliant orange-yellow flowers, produced in masses, on much branched plants, 2 feet high, **20c** each, 3 for **50c**, **$2.00** doz.

Newmanii — Dark orange-yellow flowers, with deep purple cone, borne on stiff wiry stems, 3 feet high, admirably fitting it for cutting. Flowers from July to October. Each **20c**, 3 for **50c**, doz **$2.00**.

STOKESIA

Cyanea—Grows from 18 to 24 inches high bearing from early July until October, handsome lavender blue blossoms of easy culture. Each **20c**, 3 for **50c**, doz. **$2.00**.

SPIREA FILIPENDULA (fl. pl.)

(Double flowered Drop-wort).

Numerous corymbs of double white flowers and pretty fern-like foliage. Each **20c**, 3 for **50c**, dozen **$2.00**.

SWEET WILLIAM

Beautiful old-fashioned favorite border plant. The stock we offer has been grown from a select strain. Various colors. Each **15c**, doz **$1.50**.

THALICTRUM ADIANTIFOLIUM

(Maiden Hair Thalictrum)

A beautiful plant rivalling the Maiden Hair Fern in the delicacy of its foliage, but hardy. Each **20c**, 3 for **50c**, doz **$2.00**.

THRIFT (Armeria)

Foliage evergreen, of dwarf compact habit, rosy pink flowers from spring to fall, fine border plant. Each **15c**, four for **50c**, doz **$1.50**.

Tritoma Pfitzerii

TRITOMAS

(The Everblooming Flame Flower)

Pfizerii—The freest flowering variety in cultivation, with spikes from 3 to 4½ feet high and heads of bloom over 12 inches long on a rich orange-scarlet, shading to salmony-rose at edges, producing a grand effect whether planted singly in the border or in masses or in beds of a dozen, a hundred or in thousands. **20c** each, 3 for **50c**, **$2.00** per doz, **$15.00** per 100.

VALERIANA

Officinalis (Spurred Flower) — Garden Heliotrope. Large trusses of lavender flowers, 3 feet high.

Each **20c**, 3 for **50c**, doz **$2.00**.

VIOLETS

California—The finest single violet. The flowers, which are very large, are borne on long stout stems, which make it specially valuable for cutting; they are very fragrant and of clear violet purple color.

Double Russian—A perfectly hardy double blue violet, deliciously fragrant, deep in color and very free flowering.

Princess of Wales—Color, rich shade of dark velvety blue. The growth is remarkably strong, fragrance very fine.

Swanley White—Large double, pure white.

Each **15c**, 4 for **50c**, **$1.50** doz.

California Violet—(The best for outdoors)

SIMMERS' COLLECTIONS

—OF—

OLD-FASHIONED

HARDY PERENNIAL PLANTS

These are prepared especially for those who are not acquainted with this class of plants, and are composed exclusively of the easiest-growing, freest-flowering varieties, and also covering the longest flowering period.

6 distinct species, our selection	$1 00
12 distinct species, our selection	2 00
25 distinct species, our selection	3 75

CLEMATIS

Type of Large Flowering Clematis

Plant in a sunny spot in good garden soil dug very deep. We recommend the application of well rotted manure in holes a few inches away from the plant in opposite direction The feeding roots reach out to these holes, which may be watered freely, with better success than when the measure is applied directly to the base of the plant.

Large Flowering Varieties

Henry-Creamy white, large and handsome.

Duchess of Edinburgh — The best of the double pure white deliciously scented.

Gypsy Queen—Very finest purple variety; strong, free bloomer

Boskoop Seedling — Large lavender.

Jackmanii, purple — This variety with its strong, healthy growth, hardy nature, and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in the spring.

Jackmanii Alba—Fine pure white
Lawsoniana—Purple, darker veins.
Madame Van Houtte—White, fine.

Mad. Baron Veillard — Light rose, shaded lilac.
President—Satin blue.

EACH 60c, PER DOZ $7.00

Fragrant and Small-flowering CLEMATIS

Clematis Paniculata

PANICULATA (Sweet-Scented Japanese Clematis—A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets and of a delicious and most penetrating fragrance. These flowers appear in late September, at a season when very few other vines are in bloom, being an added merit of great consequence. Good strong plants, each **50c**, doz **$5.00**

Flammula "Fragrant Virgin's Bower" —Flowers pure white, deliciously fragrant. The plants attain the height of 20 feet, and when trained on trellis work, and in full bloom, look like a mass of snow; hardy. Each **30c**, per doz **$3.00.**

Virginiana — A rapid strong growing variety, producing a profusion of white flowers during July and August. Each **30c**, 4 for **$1.00.**

Coccinea—A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. Each **60c.**

Crispa—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant lavender flowers with white center. Blooms from June until frost. Each **35c**, 2 for **60c.**

AKEBIA QUINATA

A perfectly hardy, fast-growing Japan vine, with magnificent foliage, producing flowers in large clusters of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandahs, the foliage never being attacked by insects. Each **50c.**

HARDY PASSION FLOWER

Constance Elliott—An excellent climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during the winter. Each **30c**, doz **$3.00.**

Dutchman's Pipe

DUTCHMAN'S PIPE

(Aristolochia Sipho)

A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers. One of the very best climbing vines known. Hardy, rapid grower, best for porches, verandas, and sides of dwellings.

Each **50c**, doz **$5.00**

BIGNONIA

(Trumpet Vine)

For covering unsightly places, stumps, rockwork or planting in crevices in ledges, the Bigonias will be found very useful. The flowers are large, attractive and showy, borne profusely when the plant attains a fair size.

Grandiflora — Large flowered Trumpet Creeper, bearing blooms of orange red color. Each **50c.**

Radicans—Dark red, orange throat; free blooming and very hardy. Each **50c.**

HONEYSUCKLES

Monthly Fragrant (Halleana) — Beautiful variegated flowers; blooms all the summer. Strong plants, each **50c.**

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers, blooms all the summer. Strong plants each **50c.**

Yellow Trumpet—A very robust rapid grower; yellow flowers, blooms all the summer. Strong plants, each **50c.**

Honeysuckle

CHINESE WISTERIA

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more; when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Blue—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Strong plants each **50c.**

White—Flowers in long drooping clusters, as in blue varieties pure white color, most striking. Strong plants each **50c.**

ENGLISH IVY

A splendid evergreen, well-known climber, glossy green leaves, clin firmly to stone or brick walls. Each **25c**, doz **$2.50.**

Ampelopsis Veitchi

(Boston Ivy or Japan Ivy)

The most popular and desirable climbing plant for covering brick, stone or wooden walls, trees, etc. After it becomes established at the root it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive-green during the summer, changing to various shades of bronze, crimson and scarlet in the fall. Small plants **20c**, 3 for **50c**, 7 for **$1.00**; strong plants **40c**, 3 for **$1.00**, doz **$3.75.**

Ampelopsis Veitchii (Boston Ivy)

VIRGINIA CREEPERS

A very well-known rapid-grower; like the Bignonia and Ivy, it throws out roots at the joint, by which it fastens itself to anything it touches. Large, strong plants **40c**, doz **$4.50.**

HOP VINE

One of the very best climbers for covering unsightly places. It is a rapid grower, and bears a profusion of seed pods suitable for many domestic purposes. Each **25c**, 5 for **$1.00.**

PLEASE NOTE—Our Climbers are not rooted Cuttings, but strong field-grown vines.

ORNAMENTAL SHRUBS

Positively no Shrubs or Ornamental Trees sent out C.O.D.
Price Extra Strong Shrubs each 50c, doz $5.00.

Lilac Blossom

Almond, Dwarf Double Flowering (Amygdalis.—Well-known, covered in spring with pink flowers like double roses; showy.

Azalea, Mollis—A beautiful species from Japan with large flowers of various shades of yellow, orange, carmine, etc. Strong plants to bloom the first year.

Barberry, Purple-leaved (Berberis Vulgaris purpureus)—A handsome variety with purple foliage, very ornamental and distinct.

Burning Bush (Euonymus Europeus)—Pods covered with scarlet seeds during autumn and winter.

Chionanthus Virginica (White Fringe)—A tall-growing native shrub, blooming profusely in June. The single flowers resemble bunches of white silken fringe hung gracefully among the foliage.

Clethra Alnifolia (Sweet Pepper Bush)—White fragrant flower spikes.

Deutzia, Gracilis—Slender branches, pure white flowers.

Deutzia Crenata—Double white flowers tinged red.

Exochordia Grandiflora (Spirea)—A vigorous-growing shrub, forming a neat, compact bush 10 to 12 feet high, can be trimmed in any desired shape. The flowers are borne in slender racemes of 8 to 10 florets each, on light and wiry branches that bend beneath their load of bloom, it is perfectly hardy, flowers pure white.

Spiræa Von Houttei

Filbert, Purple-leaved—Remarkable purple leaves distinct and fine.

Flowering Currant (Ribes Aureum)—A native species with shining leaves and yellow flowers.

Fringe, Purple or Smoke Tree (Rhus Cotinus)—Has very curious bloom, which, when covered with dew resembles a cloud of smoke or mist.

Golden Elder (Sambucus nigra var. aurea)—A handsome variety, with golden yellow foliage, a valuable plant for enlivening shrubberies.

Hydrangea Paniculata Grandiflora—This is the finest hardy shrub in cultivation, and endures heat and cold. The flowers which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price, 1st size, **75c**, 2nd size, **50c**, 3rd size, **25c**.

Honeysuckle, Tree-shaped or Tartian—Desirable shrubs with handsome dense foliage, and covered in May with profusion of delicate small flowers, followed by rich orange-colored berries.

Lilac, White, Red and Purple (Syringa Vulgaris)—Well-known handsome large shrubs. Flowers in clusters exceedingly fragrant and beautiful.

Lilac, White Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers, very handsome and fragrant.

Privet, Laurel-leaved—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge.

Prunus Triloba—A new large shrub from China, with slender branches and pink flowers in profusion.

Quince, Japan (Pyrus Japonica)—A shrub with spreading branches like the common Quince, but which presents a splendid appearance in May, when covered with large, brilliant scarlet flowers.

Weigelia

Philadelphus (Syringa or Mock Orange)—Well known hardy desirable shrubs, with handsome white flowers, very fragrant.

Philadelphus (Syringa, Golden-leaved) — Pretty plant of medium size. Golden-yellow foliage; retains its color the entire season; valuable for creating contrasts with green and purple-leaved shrubs.

Snowball (Viburnum Sterilis)—An old favorite spreading shrub; covered in June with handsome white flowers.

Snowball, Japan (Viburnum Plicatum) — From North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

Snowberry (Symphoricarpus Racemosus)—Pink flowers in summer, large white waxy berries in autumn.

SPIREAS

Anthony Waterer—Flowers bright crimson, finest of all crimson varieties.

Prunifolia (Bridal Wreath)—Handsome shrub, white daisy-like flowers in May; one of the best.

Eximea—Flowers a bright rose, blossoms in July.

Von Houttei—Large clusters of white flowers growing in graceful racemes.

Bumaldi—Red, blossoms a long time.

WEIGELIAS

Amabilis or Splendens—Resembles Rosea, leaves and flowers somewhat larger.

Variegated-leaved—Leaves variegated, flowers rose color.

Von Houttei—A hardy, vigorous-growing sort, bearing a profusion of deep rose-colored flowers in May and June.

Rosea—A hardy handsome Chinese shrub, blossoming in June; flowers a beautiful blush, changing to a deep rose color.

Price—Of any of the above extra strong shurbs, except where noted, each **50c**, doz **$5.00**.

ORNAMENTAL TREES (Upright Deciduous)

Allanthus (Tree of Heaven)—Tall and rapid growing, feathery foliage **$1.00** each.
Ash-leaved Maple—Hardy, rapid grower, leaves resembling the Ash, **75c** each.
American Sweet Chestnut—Unrivalled for its symmetrical form, rich glossy foliage, edible nuts, **$1.00** each.
Beech Purple—**$1.00** each.
Black Walnut—Majestic form, foliage beautiful, edible nuts, **$1.00** each.
Butternut or White Walnut—A fine, hardy tree, producing nuts, **$1.00** each.
Elms—**$1.50** each.
Horse Chestnut—A well-known tree, with an abundance of flowers, **$1.00** each.
Hardy Catalpa—Rapid grower, with immense leaves, often measuring one foot in width by two feet in length. Suited to all soils, **$1.00** each.
Maiden Hair Tree—Rapid growth, rich, glossy, fern-like foliage, **$1.25** each.
Mountain Ash—Hardy; covered with clusters of scarlet berries, **$1.25** each.
Mulberry—A fine, rapid growing tree, with delicious fruit, **75c** each.
Oak-leaved Mountain Ash—Hardy, foliage simple, deeply lobed, **$1.00** each.
Poplars—Lombardy, each **60c**.
Manitoba Maple—**$1.25** each.
Silver Maple—**$1.25** each. **Norway Maple $1.25** each. **Sycamore Maple, $1.25** each.
Tulip Tree—**$1.25** each.
Thorn—Paul's Double Scarlet. Flowers large, deep carmine scarlet, **$1.00** each.
Thorn—Double white flowering, **$1.00** each.

WEEPING DECIDUOUS TREES

Cut-leaved Weeping Birch—Vigorous and hardy. Price **$1.50** each.
Elm Camperdown Weeping—**$1.50** each.
Kilmarnock Weeping Willow—Exceedingly graceful, with large, glossy leaves, hardy. Price **$1.25** each.
Weeping Mulberry—One of the prettiest, **$1.50** each.
Weir's Cut-leaved Maple—A variety of silver Maple, with cut or dissected foliage. Price **$1.00** each.

HEDGE PLANTS

Privet—A handsome shrub, with spikes of white flowers, 18 to 24 inches high. Per doz **$1.00** per 25 **$2.00, $7.50** per 100.

Box, Dwarf—Used principally for borders and edging, for which purpose it is the best plant in cultivation. **15c** each, **$1.50** doz, **$10.00** per 100.

EVERGREEN TREES

	Height	Price. Each	doz	100
Arbor Vitæ (American)—Commonly known as Cedar; fine for hedges	18 to 24 in.	20c	$2 00	$12
Arbor Vitæ (Pyramidalis)—Tall and compact	20 to 24 in.	60c	7 00	..
Arbor Vitæ (Hovey's Golden)—Light green with golden tinge	20 to 30 in.	60c	7 00	..
Arbor Vitæ (Siberian)—Very hardy, full foliage, fine for hedges	20 to 30 in.	60c	7 00	..
Arbor Vitæ (Globosa)—Dense, globe-shaped, fine for cemeteries	15 to 18 in.	60c	7 00	..
Juniper (Irish)—Fine for pyramidal effects	18 to 24 in.	60c	7 00	..
Juniper (Japanese)—Dwarf, dense light green foliage	24 to 30 in.	60c	7 00	..
Austrian Pine—Strong, hardy grower	24 to 30 in.	50c	6 00	..
Scotch Pine	15 to 20 in.	50c	6 00	..
Spruce, Colorado Blue—Foliage of a rich blue or sage color	18 to 24 in.	$2 50	..	..
Norway Spruce	12 to 15 in.	15c	1 50	9
" "	18 to 24 in.	20c	2 25	15
" "	30 to 36 in.	40c	4 50	35

Special prices on application for larger quantities

Simmer's Select List of Nursery Stock

NOTE The risk of failure is the purchasers. We ship stock in good order, beyond which we have no further control.

POSITIVELY NO TREES SENT OUT C.O.D.

STANDARD APPLES

STANDARD APPLES are intended for orchards, and are usually planted when 5 or 7 feet high. The varieties in this list can be recommended as THE BEST now in cultivation in Canada.

Summer Apples

Astrachan Red—Large, roundish, nearly covered with crimson and thick bloom; rich, acid, hardy tree, vigorous grower, good bearer. August.

Early Harvest—Medium to large size, yellow tender, with a mild flavor; a good bearer. August.

Tetofsky—A Russian variety, profitable for market growing; bears usually the second year, and bears every year; hardy as a crab; fruit good size, yellow, beautifully striped with red; juicy, pleasant, acid, aromatic. July and August.

Yellow Transparent—Rich, transparent lemon yellow color. Flesh melting, juicy, pleasant sub-acid. Ripens ten days earlier than Earliest Harvest. Price **40c** each, **$4.00** doz.

Autumn Apples

Alexander—Very large and beautiful deep red and crimson; one of the most showy apples in cultivation, and very productive. Oct. and Nov.

Colvert—Large, with a handsome redcheek, rapid grower and hardy. November.

Duchess of Oldenburg—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy.

Fameuse—Commonly known as "Snow." Hardy. October and November.

Gravenstein—Large, striped, round; first quality. Hardy, productive and generally esteemed. October.

Haas Queen—Large, slightly conical, splashed and mottled with light red; flesh white, sub-acid. The tree is the fastest grower we have.

St. Lawrence—Large, red and yellow; crisp vinous, tender; good. Free grower. October.

Twenty Ounce—Very large, showy, prolific, well known. Price **40c** each, **$4.00** doz.

Winter Apples

Baldwin—Large, brown red, very prolific. Jan. to April.

Ben Davis—Very hardy and productive, fruit arge, a late keeper.

Ontario—A cross between Northern Spy and Wagener, possessing all the good qualities of the former with the early and profuse bearing of the latter. Jan., Feb. and March.

Wagener—Moderate grower; bears very young and profusely; yellow and crimson; juicy, sub-acid. January.

Golden Russet—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. Nov. to May.

King of Tomkins—A very large, red apple; tree grows and bears well. November to May.

McIntosh—Large, bright red, sub-acid. November to February.

Northern Spy—Vigorous and hardy, large, striped red, tender, juicy, mild, sub-acid. Late.

Mann—Medium to large; deep yellow, juicy, mild, pleasant, sub-acid; hardy. Good grower, January to April.

Pewaukee—Vigorous, hardy, bright, yellow, with red; tender, juicy, sub-acid. Jan. to May.

R. I. Greening—Large, green, fine grained, rich, sub-acid. A little tender in northern sections. Late.

Talman Sweet—Hardy and vigorous; medium; yellow, firm, rich, sweet. November to April.

Walbridge—Vigorous, hardy, productive, medium size; yellow and red; crisp, juicy, good Jan. to May.

Wealthy—Free in growth and very hardy; large, dark red; juicy, vinuous, sub-acid, good. December to March.

Price of the above, **40c** each, **$4.00** doz.

Crab Apples

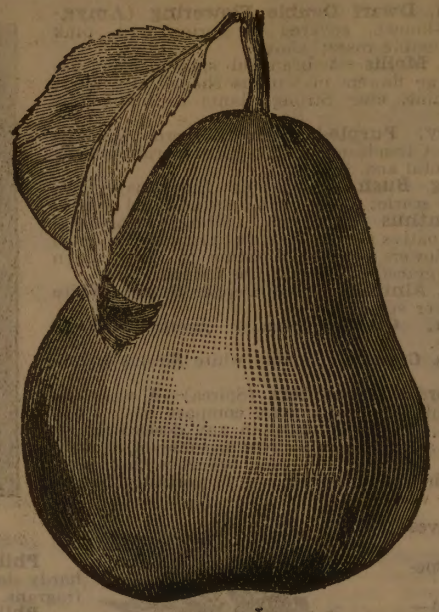
General Grant—A beautiful crab for ornament and preserving, and for eating out of hand. Color red; fruit is large, tender and juicy.

Hyslop—Vigorous, large, deep crimson, sub-acid. September.

Transcendent—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. Sept.

Whitney's Seedling—New, large, handsomely splashed with carmine, fine quality; heavy, yearly bearer. Sept. and Oct.

Price **50c**, **$5.00** doz



STANDARD PEARS

STANDARD PEARS are grown upon Pear stocks and Dwarfs upon Quinces.

Summer Pears

Bartlett—Vigorous, large yellow and red, juicy, buttery, with rich musky flavor; very good. Sept.

Brandywine—Free grower, medium size, yellow and russett, melting, juicy, good. August.

Clapp's Favorite—A cross between Bartlett and Flemish Beauty; fruit resembles the former.

Tyson—Medium, yellow and russet, melting, juicy, sweet, free, vigorous grower and good bearer. August.

Wilder Early—Handsome, delicious early Pear. August.

Price **60c**, each, **$6.00** doz.

Autumn Pears

Duchess D'Angouleme—One of the very largest pears grown; greenish yellow, sometimes a little russetted. October and November.

Flemish Beauty—Large, beautiful. juicy, melting, rich, strong grower, good bearer. Sept. and October.

Kieffer—Large, rich, golden, slightly coarse, juicy, with pronounced Quince flavor. Oct. and Nov.

Seckel—Medium brown, highest flavor. Sept. and October.

Sheldon—Large, russet and red, melting, rich delicious, hardy, vigorous and productive. Oct.

Price **60c** each, **$6.00** doz.

Early and Late Winter Pears

Anjou—Very large, pyriform, greenish yellow, buttery and juicy. November and December.

Clargeau—Very large, handsome and showy; yellow and red, juicy, vinous, valuable for market. November and December.

Lawrence—Medium to large, golden yellow, melting, pleasant, aromatic. November and December.

Price **60c**, each, **$6.00** per doz.

PEACHES

Crawford's Early—A superb yellow Peach of good quality; a productive and early sort. Sept.

Crawford's Late—Resembles Early Crawford, but later.

Early York—Medium size, white, with purplish red cheek; one of the best. July.

Early Rivers—Large, color creamy white, with a delicate pink cheek; melting, rich and juicy.

Early Canada—A seedling raised by Abraham High, Jordan, Ont., resembles the Alexander and ripens about the same time.

Price **50c** each, **$5.00** doz.

CHERRIES

CHERRIES succeed well on dry soil, can be trained in any form that taste or circumstance require.

May Duke—An English variety of large size. Tree erect and hardy. Fruit rich and good. Middle of June.

Black Tartarian—Large, mild, pleasant flavor. purplish black, good bearer. End of June.

Early Richmond—Medium red, juicy, acid, June.

English Morello—Large, dark red, sub-acid, good.

Governor Wood—Medium large, clear light red, juicy and delicious. End of June.

Yellow Spanish—Large, pale yellow with red cheek, juicy, delicious and sweet. End of June

Montmorency Large—Light red, sub-acid great bearer, very hardy one of best. First July.

Kentish—Large, red, juicy.

Napoleon—Very large, pale yellow with red cheek, firm, juicy, sweet, very good. First July.

Olivet—Large, deep red, vinuous, sub-acid, hardy. Middle July.

Windsor—Of Canadian origin, vigorous and hardy, large, liver colored, valuable. End of July

Price **60c** each, **$6.00** doz.

PLUMS

Plant 18 ft. apart on good substantial soil. The stock we offer is very fine, unexcelled in thriftiness

Bradshaw—Very large, dark violet red, juicy, sweet and good, one of the best. August.

Coe's Golden Drop—Large, yellow, sweet, September.

Imperial Gage—Excellent, large, pale green. August.

Beauty of Naples—New, large, greenish yellow, highest flavor, tree very hardy and prolific, middle September.

Moore's Arctic—Medium, purplish black, juicy sweet heavy bearer and extremely hardy.

Yellow Egg—A well known large plum, firm sub-acid and fine for cooking.

Lombard—A rampant grower, and wonderfully productive, medium, violet, red, good. Sept.

Prince of Wales—Round, reddish purple, large, quality excellent September.

Pond's Seedling—A magnificent English, light red plum, good grower, abundant bearer. Sept.

Shipper's Pride—Large, often measuring 2 in. each way, being nearly round; excellent for canning. September.

Goliath—A very large purple plum, rivalling the peach in beauty; hardy and productive.

Price **60c**, each, **$6.00** doz.

Campbell's Early Niagara Worden

HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plants; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th of May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

BLACK GRAPES

	Price each postpaid	Per doz	Per 100
Worden—Best black grape, seedling of Concord, larger, delicious, much earlier, very reliable	25	$2 40	$8 00
Herbert—(Rog. 4)—Earlier and sweeter than Wilder	25	2 40	8 00
Moore's Early—Earliest good black grape, very large	25	2 40	8 00
Wilder (Rog. 4)—Largest black, very fine	25	2 40	8 00
Campbell's Early — Strong hardy, vigorous, a fine variety	40	4 00	....

WHITE GRAPES

	Price each postpaid	Per doz.	Per 100
Niagara—Finest large white grapes, very sweet	25	$2 40	$7 00
Moore's Diamond— Greenish white, compact bunches, berries size of Concord	25	$2 40	8 00
Green Mountain — (Winchell) —Early as Jessica, larger, more vigorous	35	3 60	12 00

All vines two years old and well rooted.

RED GRAPES

	Price each postpaid	Per doz.	Per 100
Lindley—(Rog. 9)—Best red, very delicious	25	$2 40	$8 00
Agawam — (Rog. 15) — Very large, vigorous and a great bearer	25	2 40	8 00
Salem—(Rog. 53)—Strong vigorous vine, berries large and sweet	25	2 40	8 00
Delaware— Red, well-known sort, delicious and productive	25	2 40	8 00
Brighton—Finest quality of all out door grapes, dark red	25	2 40	8 00

BLACKBERRIES

	Each	Doz. post-paid	100 at purchr's expense
TAYLOR'S PROLIFIC—Largest of all hardy sorts, very productive and delicious	10	75	$4 00
Gainor—Fair size, hardy and productive	10	75	4 00
Erie—Very early and large, strong grower and great bearer	10	75	4 00
Western Triumph—Hardy, very productive, free from rust, jet black, medium size	10	75	4 00
Snyder—Extremely hardy, enormously productive, medium size	10	75	4 00
Stone's Hardy—Very hardy and good quality	10	75	4 00
Rathbun—Extra hardy, large, very productive	10	75	4 00

RASPBERRIES

We send out extra strong canes. Smaller sizes can be quoted much lower on application.

Raspberry Loudon

RED VARIETIES

	Each	Doz. post-paid	100 at purchr's expense
SCHAFFER'S COLOSSAL—Reddish brown to purple, very large	10	$1 00	$6 00
Columbian—New purple color, firm	10	1 00	6 00
Loudon—Enormously productive	10	1 00	5 00
Miller—Very early, firmest and best shipping berry	10	1 00	5 00
Cuthbert—A decidedly fine variety	10	1 00	5 00

YELLOW VARIETIES

GOLDEN QUEEN—Very large, delicious and firm	10	1 00	5 00

BLACK CAPS

Palmer—Large, very early	10	1 00	6 00
Gregg—Fruit large, meaty and firm	10	1 00	6 00
Hilborn—Fruit jet black, good flavor, strong grower, perfectly hardy	10	1 00	6 00

CURRANTS

Fay's Prolific Currant

	Each	Doz. post-paid	100 at purchr's expense
FAY'S PROLIFIC—Berries are large and uniform, very productive	15	1 20	7 00
Cherry—Red, large as Fay's Prolific	15	1 20	7 00
Raby Castle—Bunch large, bright red, prolific	15	1 20	7 00
White Grape—Finest white currant, mild, flavored, berries and bunches large, very productive	15	1 20	7 00
Webber (Canadian Origin)—Tested for ten years and has proved the best Red Currant in existence. Bushes of ideal growth, bunches long with no small fruit. Quality, color and productiveness all that can be desired	20	2 00	10 00
Black Naples—Fine reliable sorts	15	1 20	7 00
Black Victoria—Black currant of enormous size, fine flavor and of unequalled productiveness.	15	1 20	7 00
BLACK CHAMPION—The finest black currant, large as Lee's Prolific, much more delicious.	15	1 20	7 00

GOOSEBERRIES

HOUGHTON—Small, well-known sort, red when ripe	15	$1 50	$8 00
Downing—Larger than Houghton, green, delicious	15	1 50	8 00
Pearl—Very productive, good size, free from mildew	25	2 50	16 00
Industry—Fruit large and delicious, strong grower	25	2 50	16 00
Joselyn or Red Jacket—Superior quality, very productive	25	2 50	16 00
Whitesmith—Fruit large, flavor good, productive	25	2 50	16 00

STRAWBERRIES

These varieties marked P are imperfect flowering and should not be planted alone.

Bederwood—Fruit large, conical, bright red, and of excellent quality, all things considered this is one of the very best early varieties, plant a good healthy grower.

Sample—(P)—One of the very best berries and seems to succeed nearly everywhere. Plants strong, large and healthy, producing in profusion large crimson colored berries of uniform size and color, firm enough to ship well.

Clyde—Fruit large and firm, conical in shapeof a light scarlet color.

Williams—Large, handsome berries, extremely productive and hardy.

Bubach—(P)—This berry combines great and uniform size, unsurpassed productiveness and good quality.

Lovett's Early—Seedling of Cresent, very early, equals Wilson in firmness, double the size of Cresent and will yield double the quantity.

Any of the above postpaid, doz **30c**, 25 for **50c**, 100 for **$1.50**, By express at purchaser's expense, 100 **$1.25**, 1,000 **$7.00**,

INSECT DESTROYERS

Aphis Punk—More convenient than vaporizing Tobacco extracts, for use in private places. The Punk is lighted and allowed to smoulder, the fumes killing all insects. Boxes of 12 rolls, each containing 60 grains of nicotine, sufficient for 600 feet of floor space. Price **75c** per box, postpaid **90c.** Case of 12 boxes **$7.50.**

BUG FINISH—Per barrel about 280 lbs **$4.00;** per 100 lbs **$1.50.**

COPPER SULPHATE—For Bordeaux Mixture. Per lb **10c,** postpaid **25c.**

Fir Tree Oil—Soluble in water, effectually destroying all kinds of pests to which plants are subject. Bottle, small size **25c,** postpaid **40c,** half pint **50c,** postpaid **75c,** pint **90c,** quart **$1.75,** ½ gallon **$3.00,** gallon **$5.50.**

FLOUR OF SULPHUR—Lb **10c,** 10 lbs **50c,** per 100 lbs **$4.00.**

GISHURST COMPOUND—For preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc. Sold in boxes; price **75c.**

GRAPE DUST—It is a preparation to kill the destructive mildew that strikes the grape-vine. Per lb **10c.** 5 lb package, **50c.**

HAMMOND'S THRIP JUICE—Death to Mealy Bugs and Scale, which infest roses. ½ pint tins **30c,** pint **50c,** quart **75c.**

JAPANESE INSECT DESTROYER—For destroying insects, grubs, worms, moths, etc. Per tin **$1.00.**

LEMON OIL—Price half pint **50c,** pint **75c,** quart **$1.50,** ½ gallon, **$2.75.,** gallon **$5.00.**

LONDON PURPLE—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water is sufficient. Lb **20c,** 10 lbs **$1.75.**

Nicofume—Tobacco paper insecticide, does not injure the flowers. It is packed in tins. Price, 2 doz sheets, **$1.00,** 12 doz sheets **$5.00.**

Nico-Fume Liquid—¼ pint, **75c,** 1 pint, **$2.00,** ½ gallon, **$7.00,** 1 gallon, **$13.50,** wine measure.

NICOTICIDE—This compound is used for destroying Green and Black Fly, Thrip, Mealy Bug, Red Spider, etc., most certain in effect. 4 oz can **$1.00.** ½ pint **$1.75,** 1 pint **$3.50,** wine measure. Fumigators each **75c.**

NIKOTEEN—The most powerful extract, and will be found more economical than weak tobacco extracts. Bottle **$1.75.**

PURE DALMATIAN INSECT POWDER—Price ¼ lb **20c,** per lb **60c,** or by mail **75c.**

PURE PARIS GREEN—Securely put up in boxes. Price per lb **35c.**

ROSE LEAF Extract of Tobacco—One of the most effectual articles for the destruction of all insects and scales on plants. Small bottle **25c,** postpaid **40c,** pint **40c,** quart **75c,** gallon **$2.25.**

SLUG SHOT—A non-poisonous powder and a very popular insecticide. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Send for our book on Slug Shot, Lb **10c,** 5lbs **35c,** 10 lbs **60c,** 100 lbs **$5.00;** larger lot prices on application.

Sulpho Tobacco Soap—3 oz cake for ½ gal solution, **10c,** postpaid **13c.** 8 oz cake **20c,** postpaid **28c.**

TOBACCO CLOTH—Takes the place of tobacco stems. Per lb **75c,** 2 lbs **$1.25.**

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects. ½ lb **25c,** postpaid **35c;** 1 lb **50c,** postpaid **65c.**

WHALE OIL SOAP—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. Small Package, **25c,** contains about ½ lb. Large Package, **50c,** contains about pound. By mail add **15c** per lb for postage.

BUG DEATH

BUG DEATH is a non-poisonous article that takes the place of Paris Green and other dangerous insect powders. It will not injure the plant, burn or blight the vine.

It kills the bugs on Potato plants, Squash, and Cucumber Bugs, Currant and Tomato Worms, etc.

Feeds the plants. "Bug-Death" promotes the growth of the plant and keeps it strong.

Bug Death is used by applying dry to the plant or used in water to spray the plants. Full directions for its proper use go with each package.

Price—1 lb pkg **15c,** postpaid **30c;** 3 lb pkg **35c,** 5 lb pkg **50c,** 12½ lb pkg **$1.00,** 100 lbs, **$7.00.**

DICKEY BUG DEATH DUSTER, Each **25c.**

PERFECTION SHAKER for applying Bug Death, **65c.**

SPRAYING MACHINES

THE "SUCCESS" BUCKET SPRAYER

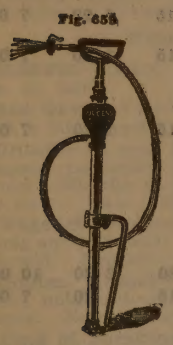


Fig. 658

With Bucket Foot Rest. Indestructible Bronze Ball Valves

An excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with white wash. The working parts are all brass, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air-chamber space, and is double-acting, throwing an absolutely continuous stream, either solid, or in fine spray.

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success,'" The **"Bordeaux" Nozzle** is furnished with "Success" pumps.

Price—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, **$5.00.**

Seven feet of hose with connection for "Success" Pump, **$2.00** extra.

UNIVERSAL "SUCCESS" PUMP

With various attachments for making six pumps in one.

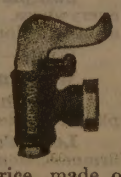
Price, $10.00.

"SUCCESS" BUCKET KEROSENE SPRAYER

The "Success" Kerosene Sprayer consists of our Perfect Success bucket spray pump, with a kerosene attachment. The oil tank may be readily removed and a cap, which we furnish, placed on the oil inlet. The pump can then be used the same as our other Success Pumps.

Price—Complete, as in cut, **$11.00.**

SPRAY NOZZLES

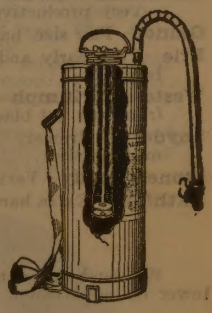


"Bordeaux"—Throws a solid stream or fine mist or may be shut off entirely. Excellent for general spraying—also for whitewashing, disinfecting, etc.
Price **$1.00.**

Vermorel—For fine and coarse spraying, obstructions readily forced out with spring disgorger.
Price **80c.**

LITTLE WONDER SPRAYER AND ATOMIZER—Price, made of tin, **40c,** by mail, postpaid, **65c;** brass **$1,** by mail, postpaid, **$1.30.**

AUTO-SPRAY



Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the Auto-Spray can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a ¼ acre of potatoes.

The Auto-Spray is light, and being carried by a shoulder strap, a boy can carry it with ease and **can cover ten times more area** in a day than can be covered with the old style sprayers, which require the operator to be constantly pumping in order to do the spraying. The Auto-Sprayer does the work as fast as a man can walk. Descriptive circular sent on application.

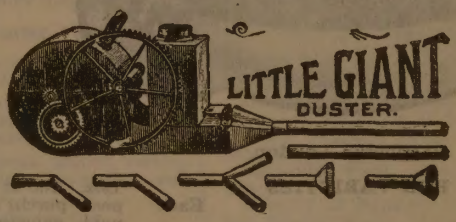
Price—Galvanized iron reservoir **$5.50;** brass reservoir **$7.50.**

Auto-Spray with outside filler funnel and strainer, **50c.** extra.

REPAIRS AND EXTRAS

Auto Pop and fittings	$2 00	Iron Extension Pipe	40
Brass Extension Pipe	50	Elbow Extension brass	50
Auto Spray Torch	1 00	Hose, per length with wire coil	30
Nozzle without caps	35	Caps, each	10
Pump valve	25	Leather cup, 2 inch each	5
Screw and Washer for stop cock	15	Funnel and strainer	15

DRY POWDER DISTRIBUTOR



LITTLE GIANT—Reservoir holds a quart of powder—weight 6 lbs. Runs entirely by gear. Dusts as fast as you walk two rows at a time. Complete with three tubes five nozzles and strap—**$7.50.**

Brownie Duster.—Will distribute any fine dry powder. Two tubes and one spread nozzle. Reservoir holds one pint. Price, **$5.00.**

SPRAMOTOR CAN OUTFITS

Spramotor No. 0, with 2½ feet hose and nozzle	$7 25
Extra for heavy galvanized Can	2 00
Same, if with Bamboo Extension Pipe, hand valve and can	12 25
Special outfit G, as shown, for spraying fruit trees, with 10 feet hose, hand valve extension pipe, with drip guard, without can	9 75

Prices for special outfits, also Spramotor Catalogue on application.

Asparagus Buncher, "Acme" $2 00

Bellows—Woodason's Patent—
Patent Double Cone 4 00
Large Single Cone 3 00
Small single Cone 1 75
Blows Paris Green, Hellebore, Dalmatian Insect Powder, Sulphur, Slack, Lime, Slug Shot, etc., etc.

Liquid Spraying Bellows 3 00

Bouquet Papers—
4 in., per doz.....45c 5 in., per doz.... 55
6 in., per doz.....70 7 in., per doz.... 90

Brackets—Flower Pot, ornamental, various sizes.....each 80c to.... 3 00

Cork, Virgin—Flat and tubular, per lb.... 15

Dibblers—For transplanting, steel points.. 35

Dandelion Spuds, black 60
" " bright 75

Edging Knife, Half-Moon, of the best make .....$1 00 with handle 1 50

Forks, Hay, 2 prong ..... 40 to 60
" 3 prong ..... 60 to 80

Forks, Manure, D handle
4 prong ..... 80 to 1 10
3 prong ..... 1 10 to 1 25
6 prong ..... 1 10 to 1 30

Forks, Spading—
4 prong ..... 90 to 1 20

Forks, Potato—
4 prong ..... 85 to 1 25

Floral Tools—consisting of hoe, rake, fork, trowel, dibbler 1 00

Fumigator "Eureka" (Galvanized)—
12 inches diameter, at top 5 inches; holds one-half peck of tobacco stems. Price —
1st size..... $2 50 3rd size..... 1 75
2nd size..... 2 00 4th size..... 1 50

Fumigator, Campbell's Sulphur—Price.. 6 00

Garden Lines—Of the best material, 60 ft each 25

Garden Reels—Iron, plain, with stake.... 75
" " Larger size 1 00

Glaziers' Points—Van Reyper—
Made of Steel Wire and Galvanized. No rights and lefts. Price **75c** per 1,000, **95c** postpaid.
PINCERS for using Glaziers' Points, **60c** each, **80c** postpaid.

Gloves—
Ladies' Chamois 1 00
Oiled 80
Gardeners' (men's) 50
Harvest (men's) No. 2 25
Threshing 75

Grafting Wax—¼ lb package 15c, ½ lb package 30c, 1 lb package 50

Grass Hooks, English—Two sizes, each 50c and 60

Hoes—
Dutch Scuffle, 4 inch. $0 45 5 inch 50
6 " . 60 7 " 65
8 " . 70 9 " 85
Field ..... $ 50 to 70
Turnip ..... 50 to 70

Hoe Handles ..... 15 to 25

Hose, Rubber Garden—Prices subject to change without notice—
Three-ply, 50 ft. lengths. ½ in. ¾ in.
Reliance .....11c per foot 13c per foot
Record .....12c per foot 15c per foot
Simmers' Extra Quality .....20c per foot 22c per foot
Wire Wound .....14c per foot 16c per foot
25 foot lengths supplied at an additional charge of 50c per length for cutting.

Hose Nozzle, Gem 0 60

Hose Menders—each $0 25

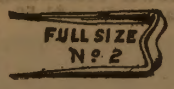
Hose, Reels—
Iron frame, holds 100 feet hose (No. 120).. 5 00
Iron frame, holds 3 to 4 hundred feet hose (No. 130) 8 00
Wooden frame 1 00

Hyacinth Glasses—In assorted colors, blue, green, wine and amber; Flat or Tye pattern, each 15c; per doz $1.50; Tall, each 15c; per doz $1.50; fancy.. 50

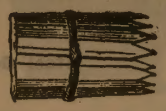
Knives—
Simmers' Special Make, ivory handle, brass bound, one blade 1 75
Saynor's Budding, ivory handle, one blade, large size 1 50
Saynor's Budding, ivory handle, medium size 1 25
Saynor's Pruning, medium size, stag handle 1 00
Saynor's Pruning, large, stag handle.... 1 25
Asparagus, Imported best Sheffield.. 1 00

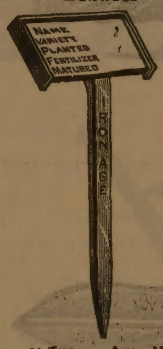
Insect Exterminating Bellows

Dibbler



Glazing Point


Pot Labels

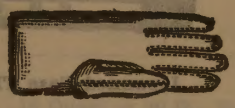


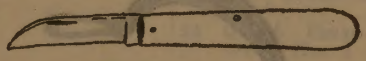
"Iron Age" Plant Label

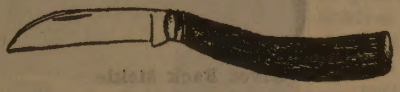
Mastica Machine

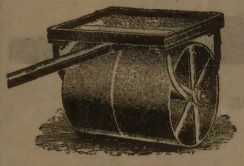
Garden Reel

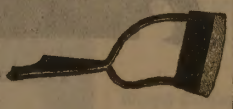
Edging Knife


Garden Gloves


Budding Knives


Pruning Knives


Lawn Roller


Dutch Hoe

Fibre Plant Stand

Labels, Pot (¾ inches wide)—
If by mail add 10c per 100.

	per 100	per 1,000
4 in., plain	$0 15	$0 80
5 " "	15	1 00
6 " "	20	1 20
10 " "	30	2 60
12 " "	40	3 25
	per 100	per 1,000
4 in., painted	$0 20	$1 20
5 " "	25	1 50
6 " "	30	1 75
10 " "	40	3 50
12 " "	50	4 00

Garden Stakes ⅞ to 1⅛ inch Pot Label —

	per 100	per 1,000
8 in., plain	$0 50	$4 00
10 " "	60	5 00
12 " "	70	6 00
	per 100	per 1,000
8 in., painted	$0 60	5 00
10 " "	70	6 00
12 " "	80	7 00

Labels, Tree—

	per 100	per 1,000
3½ in., notched	$0 15	$0 90
" With iron wire	20	1 25
" With copper wire	30	1 50

Lawn Rollers—
No. 1—Balanced handle 20x20, 375 lbs $13 00
No. 2—Balanced handle, 27x27, 750 lbs 28 00
No. 3—24x20 with wooden platform, 275 lbs..... 12 00

Mastica—For Glazing Greenhouses, Hot-Beds, etc. New or Old. Elastic Adhesive, Easy to Apply.
Price per gallon **$1.50**, per ½ gallon **75c**, per quart **50c**.

Mastica Glazing Machine—Price **$1.50.**

Match Sticks—5 in per 1000 ..... $0 75

Mats—Archangel, 4½x8½ feet, each..... 75

Moss, Sphagnum—Per bale 1 25
French Dyed, pkg 10

Netting—For the prevention of birds destroying fruit of all kinds, 20x15 feet, 1 in. mesh, per lb 3 25

Peat—
English, imported, per bush 1 50
Fibrous, for Orchids, per bush 1 50

Pencils, Wolf's Indelible—Each..... 15

Plant Label—"Iron Age"—
These labels are made of galvanized iron and the writing is protected by a sheet of Mica. Indispensable for private gardens, public parks, experiment stations, etc. Price—

	each	per doz.
No. 5 — 8 inch	$0 20	$2 25
" 5A—18 inch	25	2 50
" 5B—24 "	25	2 75

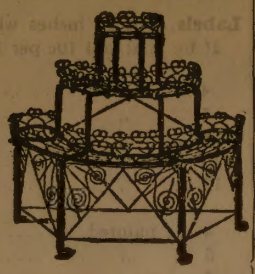
Plant Stakes—Painted green, tapering, very neatly finished, of light wood and very useful for tying plants, shrubs, etc.
1½ ft.....per doz $0 20 per 100..... 1 25
2 " ..... " 30 " 1 50
3 " ..... " 40 " 2 50
4 " ..... " 50 " 3 50
5 " ..... " 75 " 5 50
6 " ..... " 1 00 " 7 50

Plant Stakes, Bamboo or Cane—5 to 10 feet long, Medium, per doz 15c, per 25, 30c, per 100 ..... 1 00
Extra heavy, per doz 25c, per 25, 45c, per 100 ..... 1 50

Plant Stands—Fibreware, with castors—
Platforms are indurated fibreware, will not soak or rust.
14 inch 4 castors $1 00 18 " " 1 35
16 " " 1 20 20 " " 1 50
22 inch 5 castors. $1 75

Plant Saucers—Fibreware same as above without castors—
4 inch 12c each 10 inch 20c each
6 " 13 " 12 " 25 "
8 " 15 " 14 " 30 "

No. 6.



No 7.

Plant Stands, Wire—
Size No. 6, **$5,00**; size No. 7, **$4.25**; size No. 5, **$5.00.**
Illustrated Circular sent on application.

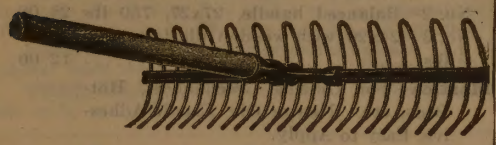
Potato Knife—For Cutting Seed Potatoes.
Price **35c** postpaid.

Potatoe Eye Cutter—"The Lightning,"
Price **20c** postpaid.

Powder Duster—Tin, perforated bottom.. $ 75
Powder Gun—Tin, Round each 25

Putty Distributor—"The Scollay"—
For applying liquid putty, price $1 00 and 1 25

Putty—Twemlows old English Glazing—
Half liquid—
1 qt tins, 75c; 2 qt tins $1.; 1 gallon tin.. 1 75



The Queen Lawn Rake. 75c each

Rakes—
Daisy, for cleaning lawns—
16 teeth..... $1 75 20 teeth..... 2 25
18 ,, ... 2 00 22 ,, ... 2 50
Garden, malleable iron, no handles, 10 teeth, 30c; 12 teeth, 35c; 14 teeth 40
Garden, steel, with handles, 12 teeth, 60c.; 14 teeth, 75c.; 16 teeth..... 1 00
Lawn, steel..... 1 00
The Queen, 24 teeth..... 75
,, 36 teeth..... 1 30
,, 42 teeth..... 1 50
Hay, Wire Bow..... $0 15 to 30
,, Wooden Bow..... 15 to 30

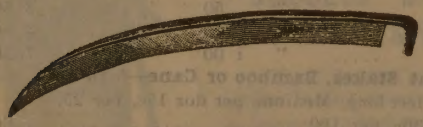
Rake Handles..... 15 to 25

Roffia or Raphia—Natural. The best tying materials for plants, etc., 10 lbs for $2.25, per lb 30c. If by mail, add 15c per lb. extra.

Roffia—Colored. All the leading colors Per ¼ lb .... $0 20 per lb postpaid.... 75

Saws—Heavy, for pruning, each..... 1 00

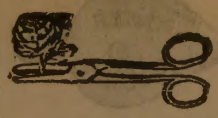
Scissors—
Flower gatherers, silver plated, 7 inch, 75c; 4 inch..... 60
Grape thinning..... 1 00
Short and heavy for pruning..... 1 00



Tysack's English Scythe

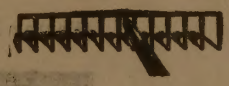
Scythes, Tysacks—English, 36 inch..... 1 35
Scythe Snathe..... $0 70 to 1 00
Scythe Stones..... 20

Shears—
Border or grass..... 2 00
Border or grass with wheel..... 2 50
Grape presenting, used for preventing the grape from beinghandled. Pair.... 1 25
Hedge or lawn, best imported, 7 in..... 1 25
" " with pruning notch 7 in.. 1 40
Ladies' for light work, durable..... 1 00
Sheep, for edgings..... 75

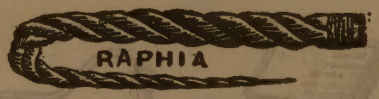


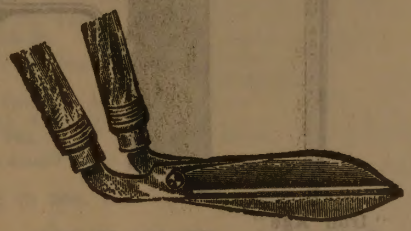
Flower Presenting Shears. Price **$1.50**

Grape Trimming Shears—$1.00.



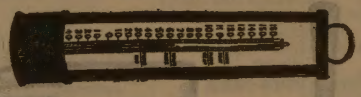
Steel Garden Rake



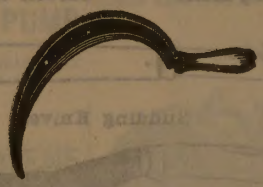


Border or Grass Shears. Price **$2.50**

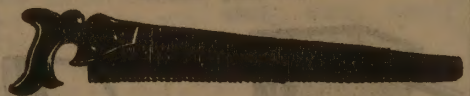
Lawn or Hedge Shears



Japanned Case Thermometer.



Rivet Back Sickle



Pruning Saw

Powder Gun

Simmers' Perfection Pruning Shears

Shears—
Pruning—Simmers' Perfection—Each fitted with wire cutting attachment.
Black, 7 in..... $1 25....8 in..... $1 50
Polished, 7 in..... 1 50....8 in..... 1 75
Pruning, for pruning Roses, Currants, Vines, etc. Per pair, 75c to..... 1 50

Sickles, rivet back, No. 0, 40c; No. 1, 50c; No. 2, 60c; No. 3..... 70

Spades—
Imported English, extra strong..$2 00 to 2 50
Black's sodding 1 50
Canadian manufacture..... $0 75 to 1 50
Draining....18 inch $1 50 20 inch.... 2 00
22 inch..... 2 50

Scollay Sprinkler

Putty Distributor

Sprinklers—
Goldman's Atomiser, each..... 50
Extra Rubber Balls, each..... 25

Scollay—
No. 1 with Valvular Top 1 25
No. 2..... 1 25
No. 3..... 1 00
No. 4..... 0 75

Lawn—
4 arm, revolving, each..... 2 75
Champion, to stick in ground..... 85
X.L., to stick in ground..... 1 25

Syringes—English Brass—
The very finest goods in the market.
Ladies' size 18x1¼ in., 1 rose, 1 jet..... 3 50
1½x16 in., 1 rose, 1 jet..... 3 00
1½x18 in., 5 roses, 1 jet..... 6 50
1¾x20 in., 2 rose, 1 jet..... 6 00
2x20 in., 2 rose, 1 jet..... 6 00
1½x18 in, 2 rose, 1 jet angle..... 8 00
Ladies' size, 16x1¼ in. barrel, 1 rose and 1 jet, light, each..... 1 50

Thermometers—
Tin Case, (Japanned)—8 in. 12 for $2.25, each 25
Glass, Dairy, each.....$0 25 and 40
Hot-Bed—All glass, cased in wood, copper point, each..... 1 00
Hot-Bed—All glass, extra quality..... 2 00
Registering—With magnet, 8 in..... 2 75
Accuratus—Standard Mercury, tin-case, 8 inch..... 90
Copper Case—Best for greenhouse, medium 60
" " " larger. 75

Thistle Spuds $0 40
Tin Foil—In long strips, 5 in. wide per lb. . 20
Toothpicks—10c per box, 3 boxes for 25
Trowels, Garden—
Black steel, 6 in. 25c; 7 in. 30c; 8 in. 40
Polished steel, 6 in. 35c; 7 in. 45c; 8 in. each 60
Cleves, Angle, postpaid 35c 25

Tree Scraper—For removing old bark 60

Tree Pruners—Waters', 6 feet, 75c; 8 feet, $1.00; 10 feet 1 50
Little Giant 2 00

Plant Tubs, "Columbia" — Best and Cheapest. Made of Louisiana cypress, never decay, never fall apart. Natural varnish finish on the wood or if wanted, can finish them in oil paint, but to order only.

No. 1, Plain,
12 in. diam. by 11 in high, each 1 25
15 " 14 " " 2 00
18 " 16½ " " 2 50
21 " 18¼ " " 3 00
24 " 20½ " " 3 50

Cypress Tub

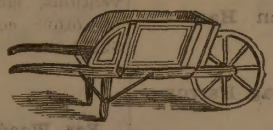
Cypress Tubs—Painted green—
12 in. dia. x 11 in. high, each 1 50
14 " x 13 " " 2 00
16 " x 15 " " 2 25
18 " x 16 " " 3 00
20 " x 17 " " 4 50
24 " x 19 " " 5 50
26 " x 21 " " 7 00

Garden Trowel

Columbia Plant Tub

Galvanized English Watering Can

Combination Weeder



Wheelbarrow

Long Spout Watering Can

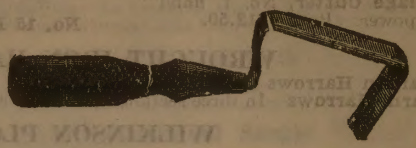
Vases, Iron—
Varying in price from $3.00 to $50.00. Write for description.

Watering Cans—Long Spout—
With moveable brass rose, hand made,

2 qt	$0 80	8 qt	$2 00
4 qt	1 25	10 qt	2 50
6 qt	1 50	12 qt	3 00
14 qt			3 50

Watering Cans—Galvanized English—
Roses can be screwed on or off, the band is rivetted on with a solid brass screw. The strongest and best general purpose can made.

2 qt each	$0 60	8 qt each	$1 20
4 qt "	90	10 qt "	1 40
6 qt "	1 00	12 qt "	1 60
16 qt each			2 00



Hazeltine Weeder

Weeders—

Combination	$0 30	Excelsior, claw -shaped	$0 25
Fork shape	30		
Hazeltine	25	Dandelion Spud, for lawns	60
Lawn Weeder	35		
Noyes	25	Brown's Easy	25

Wheelbarrows—

Light	$2 50	Medium	3 50
Heavier			4 00

Wire annealed (prices subject to change),

No. 24	per lb $0 20	10 lbs	1 25
No. 28	per lb 25	10 lbs	1 75
No. 36	per lb 35	10 lbs	3 00

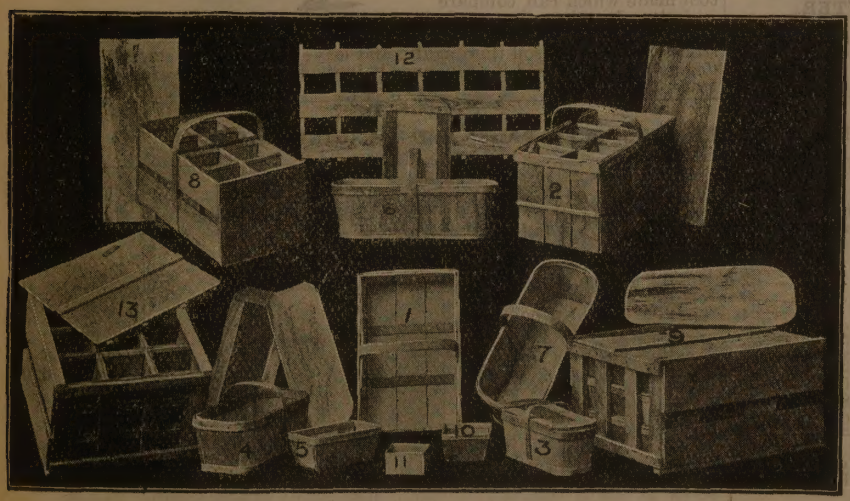
FRUIT BASKETS

Fruit Growers, Farmers and Ga deners will find that our Baskets are of the best manufacture.

Basket Fasteners—Put up in 2 lb packages, 25c.
" " Crate of 50 packages, 10.00.

	Per doz	Per 25	Per 100
16 Quart or 20 lb—No. 7	$0 65	$1 20	$4 50
11 Quart or 15 lb Basket—No. 6	50	1 10	4 00
6 Quart—No. 4	50	1 00	3 75
5 lb Grape Basket—No. 3	45	90	3 50
24 Quart Crate—with partition, including cover—**No. 8** ..... Each 15c	1 65	3 25	13 00
24 Quart Crate—without partition, including cover—**No. 2** ..... Each 15c	1 65	3 25	13 00
27 Quart Crate—No. 13 ..... Each 18c	1 90	3 75	15 00
36 Quart Crate—No. 9 ..... Each 20c	2 30	4 50	18 00
Shelves for 24 Quart Cases—with partition	15	30	1 00
Shelves for 24 Quart Cases—without partition	20	40	1 50
Shelves for 54 Quart Crates—No. 12	40	80	3 00
Pickers' Field Baskets, No. 1, each 10c	1 20	2 40	9 00
Leno Covers for 16 Quart Baskets	25	50	1 75
" " 11 " "	25	45	1 75
" " 6 " "	20	40	1 50
" " 5 lb baskets	20	40	1 50
Wood Covers for 16 Quart Baskets	20	40	1 50
" " 11 " "	20	35	1 40
" " 6 " "	20	35	1 40
" " 5 lb baskets	20	35	1 30

Berry Boxes, one quart—No. 10—Per 100, 40c; Per 1,000 $3.50.
Berry Boxes, one pint—No. 11—Per 1,000 $4.50; per bundle 50c.
Plant Boxes—No. 5—Per 1,000 $5.50. 100 70c.
Round Bottom Apple Pickers . Each 50c.



PLOWS

FLEURY PLOWS

General Purpose Plows very light in draught.

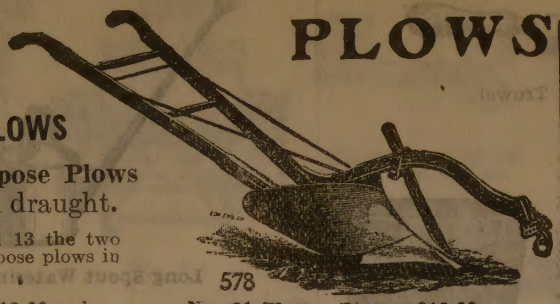
Nos. 21 and 13 the two best general purpose plows in Canada.

No. 13 plow, **$12.00** cash.

No. 8 plow, **$12.00** cash.

No. 12 Plow, **$13.00** cash.

No. 21 plow, **$12.00** cash



578

No. 21 Fleury Plow. $12.00.

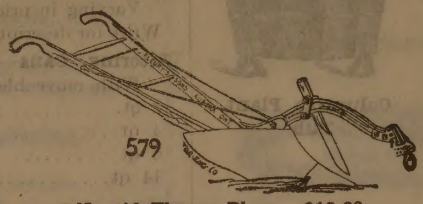
One Horse Plow No. 15

Unexcelled as a Garden Plow

A one-horse or garden plow that cuts the width it turns, and turns a furrow properly. Most one-horse plows are only two-horse plows shortened up, and spoiled for real plowing. This one is a plow — light, but strong. Price, cash **$10.**

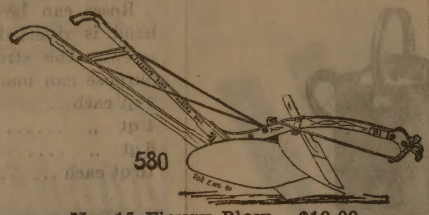
Fleury's Celebrated Root Pulper, No. 7, **$11.**

Fleury's Straw and Ensilage Cutter, No. 1, hand power. Price **$13.50.**



579

No. 13 Fleury Plow. $12.00.



580

No. 15 Fleury Plow. $10.00.

WROUGHT IRON HARROWS

Garden Harrows—In two sections, **$9.00.**
Farm Harrows—In three sections, **$12.00;** four sections, **$14.50.**

WILKINSON PLOWS

We can supply the following desirable "Standard" Plows, manufactured in Toronto, of the best material (regardless of cost) by the Wilkinson Plow Company.

Narrow one-horse plow, $10.50.

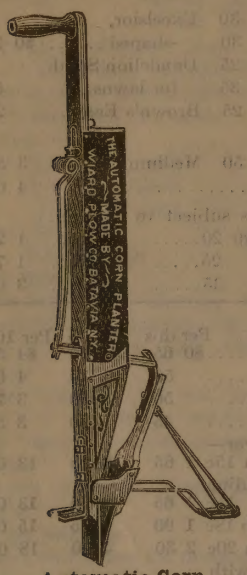
Wide one-horse plow, No. 13, $10.50. No. 3, $13.50.

No. 4, $13.00. No. 5, $13.00. No. 7, $13.00. No. 21, $13.00.

Wilkinson's All Steel Garden Harrow—$12.00.

Three sections, **$13.00.**

Wilkinson's Channel Steel Drag Harrow— Four sections, **$17.00.**



Automatic Corn Planter

CORN PLANTERS

The Automatic Corn Planter is of the best material, well and durably put together, and finished to stand long use and all sorts of weather. In this planter the seed is delivered from the Dropper to the receptacle at the bottom, which when opened by pressing over on the foot, leaves it at once the depth required, avoiding the trouble found with all Hand Planters that deliver the seed direct from the Dropper to the soil. It also has a most convenient attachment for regulating the depth of planting; this can be raised or lowered in a moment. Price **$2.**

TWO HAND CORN PLANTER.

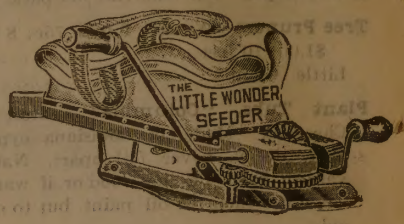
King of the Field—Malleable iron dropper; iron seed box and channel for the seed. Price **$1.00.**

CYCLONE BROADCAST SEED SOWER

Geared, (See cut)

IT WILL SOW clover, timothy, wheat, oats, rye, buckwheat, Hungarian red top, turnip, millet, corn, cotton, and all other grains and seeds, perfectly even and any desired amount per acre, and from 30 to 60 acres a day. It does not require seed to be cleaned, and will sow orchard and blue grass. Full instructions and directions on every machine. Geared, **price, $1.75; postpaid, $2 50.**

THE LITTLE WONDER SEED SOWER



The Little Wonder embodies all the principal features, for even distribution of all varieties of farm seed, as found in our repeatedly improved and time-tested Cyclone Seeder. It is, however, built on slighlty different principles; the frame of machine which carries all the bearing parts is made of one piece and so arranged that Seeder rests in an easy portion in front of operator.

Price **$1.40,** postpaid, **$2.**

Fiddle Bow—Old style. Price **$1.00,** by Mail postpaid **$1.50.**

CAHOON BROADCAST SEED SOWER

A hand machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four or six acres per hour. It will scatter the following distances:—Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight 5½ lbs. Price, each, **$4.00.**

CHAMPION BALL-BEARING CORN SHELLER

Champion Corn Sheller

It has no equal. It is the best sheller on the market, and considering the amount of work it will do, it is the cheapest. Its work is easy, rapid, and highly satisfactory. Its nnique automatic adjustment, improved shelling disc and telescopic construction, are all new inventions, embodying improvements found in no other corn sheller. Weight, 20 lbs. Price **$2.50.**

"BUCO" GARDEN CULTIVATOR

Buco Cultivator

For Weeding, Cultivating, Potato Digging, Etc. Length of Handle 4 ft. 5 in. Weight 3 lbs. This new Hand Garden Cultivater has five Tines of Crucible Spring Steel, Oil Tempered, which can be adjusted to desired width. They can be removed to sharpen in after years when dull, or can be replaced with new ones if necessary. For speeial work one or more of the tines can be removed if desired. For preparing soil, planting, cultivating, etc., there is no hand tool made which can compare with it. It takes the weeds all out by root, cleans out the stones, loosens the soil thoroughly, and leaves it clean and smooth. All gardeners who have used it pronounce it indispensible and a great labor saver. Price, **$1.50**

EARTHENWARE FLOWER POTS, TREE POTS, SEED PANS, AND HANGING BASKETS

Flower Pots				Saucers.		Tree Pots.			Saucers.	
Size, Inches.	Each	Per Doz	Per 100	Per Doz	Per 100	Size, In.	Each	Per Doz	Each	Per Doz
Small Thumbs 2		$0 10	$0 75							
Thumbs 2		15	1 00							
Small Verbena 3		15	1 10							
Large Verbena 3		20	1 25							
Half Pints 4	$0 3	25	1 75	$0 25						
Pints 5	4	40	2 50	25		6 gals. 16	1 50		60	7 00
Quarts 6	5	50	3 75	35	$2 75	8 " .18	2 50		1 50	
Half Gallons 7	10	90	6 50	60	4 50					
¾ Gallons 8	15	1 50	10 00	80	6 00					
Gallons 9	20	2 00	15 00	1 00	8 00					

Pans size in.		Each	Doz.
Boston Fern Pans	6	$0 10	$1 00
" "	7	13	1 40
" "	8	15	1 60
" "	10	30	3 25
Fern pans	6	10	1 00
"	7	10	1 20
"	8	15	1 60
Seed pans	10	20	2 25
"	12	35	3 75
"	14	50	6 00
Square pans	8	30	
"	10	35	
"	12	50	
Hanging Baskets	10	15	1 75
"	12	25	3 00
"	14	40	

The measurement is from outside to outside. Packing charged extra when ordered to be shipped a distance from Toronto. Pots are carefully packed, but we do not assume any risk of breakage.

Special prices on application for larger quantities than those quoted.

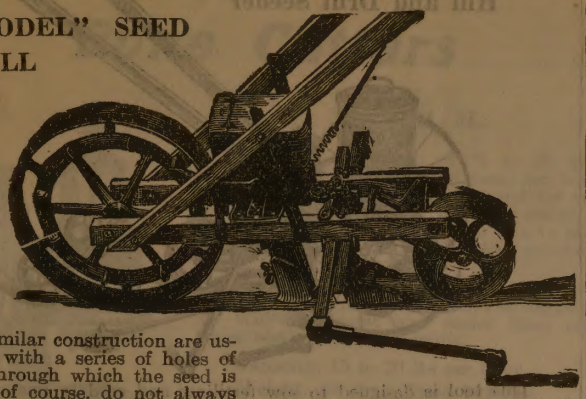
"Iron Age" Garden Implements

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words they are all right and up-to-date. They are equipped with high, steel wheels, very light, tubular frames connected to malleable iron castings—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.

"NEW MODEL" SEED DRILL

Price, $8.50

Perfect index: Instantaneous Cut-off Adjustable Marker; Broad Wheel; Steel Opening Plow; Adjustable Handles.



Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of a seed reservoir, which is provided with a perforation of a similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair breadth variation between—a vital point in a perfect seed drill. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seeds can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows. The main wheel is of large size and of unusual width, preventing its sinking into soft earth.

Each drill crated and carefully packed for shipment. Packed weighs about 40 lbs. **Price $8.50.**

NO. 4, "IRON AGE" Combined Double Wheel Hoe and Drill Seeder

Combined in this tool are a Seed Drill, a Double Wheel Hoe and a Single Wheel Hoe. In each form these tools are equal to any tool or tools made especially for the purpose.

As a Seed drill this tool sows in drillswith perfect accuracy, having the same Seed index as is fully described above.

The change from a Seed Drill to a Wheel Hoe is made by simply detaching the seed hopper with its frame, covers, wheels, etc.; loosening two bolts does it, and applying the cultivating tools. The wheel is made of steel 16" high. **Price $11.50.**

No. 5, Iron Age Drill Seeder, the foregoing Implement as a Seed Drill, only $8.50.

Set of Attachments to convert a No. 5 Drill into a No. 4, **$3.75.**

No. 6, "IRON AGE" Combined Double Wheel Hoe, Hill and Drill Seeder

As can be seen by the cut above, anyone purchasing the No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder, possesses at once, the most perfect and complete tool possible. It is a whole tool-house itself. It drills, hoes, rakes, hills, cultivates, levels, plows, furrows, covers, and does each and every operation in the most satisfactory manner.

The fact that our "Iron Age" Double Wheel Hoe can be converted into a thoroughly practical Single Wheel Hoe, makes this combined machine four different tools, a Hill Dropper, a Double Wheel Hoe and a Single Wheel Hoe, also a Row Drill. This tool will sow all the small seeds varying in size from celery to corn. Price **$12.50.**

No. 7, IRON AGE HILL AND DRILL SEEDER

The foregoing implement as a Hill and Drill Seeder only. Price, **$10.00.**

Set of Attachments to convert a No. 7 Drill into a No. 6, **$3.75.**

No. 8, "IRON AGE" HILL AND DRILL SEEDER

The wheel is 16 in. high, made of steel with a two-inch tread. The Opening Plow is non-cloggable and can be instantly adjusted. The hopper is low therefore the delivery of the seed is close to the ground, thus making possible accurate spacing. Capacity four quarts.

The distance of spacing the seed can be instantly changed. We wish to emphasize the great simplicity of this adjustment.

The amount of seed can be minutely adjusted by our patented index. **Price $12.00.**

No. 15, "IRON AGE" Combined Single Wheel Hoe, Hill and Drill Seeder

Combined in this tool is the best Hill and Drill Seeder, and Single Wheel Hoe ever offered to the public. Each is in itself complete. Changed from one form to another almost instantly. It places the seed in **hills or drills,** it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates. The wheel is made of steel, 16 in. high; the frame of pipes; coupled to malleable castings; therefore light, runs easy, is strong and durable. **Price, $12.00.**

No. 16, "IRON AGE" Hill and Drill Seeder

The foregoing implement as a seed drill only, **$9.00.**

No. 17, "IRON AGE" Combined Single Wheel Hoe and Drill Seeder

In combining these tools not a single advantage of a separate Single Wheel Hoe or Row Drill is lost, as each one in itself is complete. Can be changed from one form to the other almost instantly.

It places the seed **in drills,** it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates. The Wheel is made of steel, 16 in. high, the frame of pipe, coupled to malleable castings, therefore light (runs easy), strong and durable. **Price $11.00.**

No. 18, "IRON AGE" Drill Seeder

The foregoing implement as a Seed Drill only, **$8.00.**

No. 20, "IRON AGE" Single Wheel Hoe

The foregoing implement as a combined Single Wheel Hoe only. **Price $7.00.**

No. 10, "IRON AGE" Single Wheel Hoe, Plain

This is the same as No. 20, but with side Hoes only. **Price, $3.75.**

No. 9, "IRON AGE" Single Wheel Hoe, Cultivator, Rake and Plow Combined

This tool is, in regard to the work done, almost a counterpart of the Double Wheel Hoe.

For the small kitchen garden we consider this Single Wheel Hoe as being very vauable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side.

"Iron Age" Combined Single Wheel Hoe

With the large plow attachment, deep furrows can be opened or closed, potatoes, celery and other crops hilled—in short, all such work usually accomplished by a special plow. **Price complete, $6.50.**

Weeder Attachment for this tool similar to the one shown on the Double Wheel Hoe, **$1.00.**

Seed Drill Attachments for "IRON AGE" Nos. 1, 3, and 20

No. 4 "Iron Age" Drill Seeder Attachment..... **$4 00**
No. 6 "Iron Age" Hill and Drill Seeder Attachment..... **5 50**

SUNDRY "IRON AGE" IMPLEMENTS

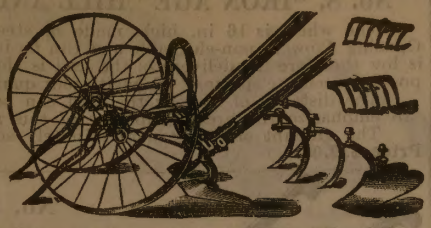
Potato Planter—"Iron Age" Improved Robbins Potato Planter with Fertilizer distributor.
Plow with shield or disc as ordered. **Price, $90.00.**

"Iron Age" Potato Digger. Price, $125.00.

"Iron Age" Two Row combined **Beet Drill and Cultivator** complete. **Price, $53.00.**

No. 1, "IRON AGE"
Double Wheel Hoe, Cultivator, Rake and Plow Combined

The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double wheel for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine.



"Iron Age" Combined Double Wheel Hoe

Price, complete, $8.00.

Extras

Combined Disc and Fender Attachment	$1.10
No, 25 Fertilizer Distributor Attachment	5.00
Weeder Attachment	1.40
Landside Plow Attachment	1.10
Single Tooth Attachment,	85c

Fig. 112
Single Tooth Attachment

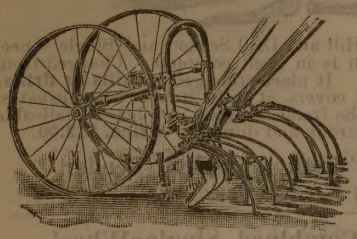


Fig. 82
The Landside Plow Attachment

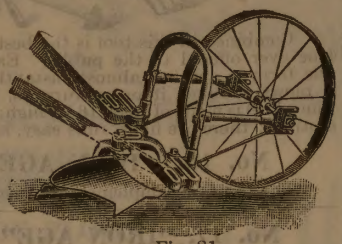
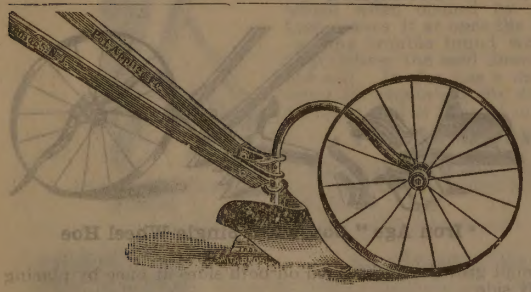


Fig. 81
The Weeder Attachment

No. 3, "IRON AGE"
Plain Double Wheel Hoe with Side Hoes only

In order to accommodate those who have only use for the Wheel Hoe for hoeing, we offer the machine described above with side hoes only. This implement may be used as a double or a Single Wheel Hoe. The illustration shows it adjusted as a plain Double Wheel Hoe.

Price, $5.50.

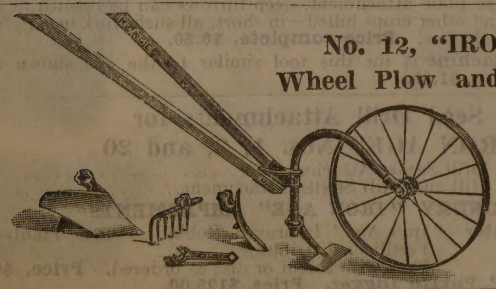


No. 11
"IRON AGE"
WHEEL PLOW

Price, $3.00

Packed Weight 15 lbs.

No. 12, "IRON AGE"
Wheel Plow and Cultivator



Price, $4.00

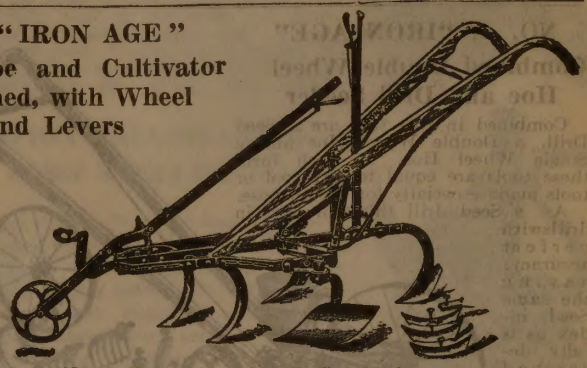
No. 22, "IRON AGE"
Fertilizer Distributor and Hill and Drill Seeder

This tool is designed to sow fertilizer and seed in one operation. The fertilizer is distributed in two narrow streams, adjustable in depth and width apart. The seed is sown between the two rows of fertilizer, so no injury can result from coming in contact with it. It will sow in rows or drop in the hills at 4, 6, 8, 12 or 24 inches apart. The seed attachment may be detached and tool is then a most excellent implement for the top or side dressing of growing crops. **Price, $18.00.**

No. 23, "IRON AGE" Fertilizer Distributor as a Side Dresser. Price, $14.00.

Hill and Drill Seeder Attachment may be applied to this tool and the seed may be sown in drills or placed in hills at 4, 6, 8, 12 or 24 in. apart, at the same time the fertilizer is distributed. **Price, $5.50.**

No. 6, "IRON AGE"
Horse Hoe and Cultivator Combined, with Wheel and Levers



No. 6, "Iron Age" Horse Cultivator

As made at present there is no cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower. With six narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustments of Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only lever adjuster that does not impair the stiffness of the tool.

PRICE—Complete as in illustration with mould boards, scuffler, teeth, wheel and levers **$8 00**
Furrow Closing Attachment **1 50**

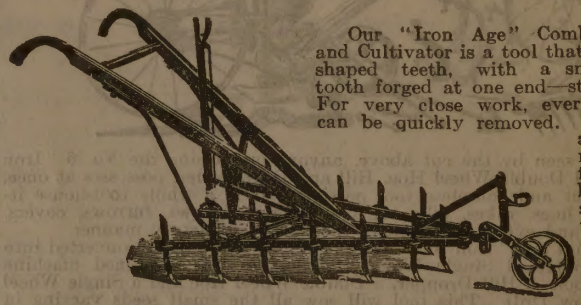
No. 8, "IRON AGE"
Horse Hoe and Cultivator Combined

The distinct feature of this machine is the screw expander instead of the lever. The former gives equal rigidity at every point in the expansion up to the full limit 28 inches. The side bars are always firm, with no tendency to close.

This Cultivator allows of a much wider range of adjustment than any other which will commend it to all users.

Complete, **$9.50.**

No. 1, "IRON AGE" Combined Harrow and Cultivator



Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond-shaped teeth, with a small cultivator tooth forged at one end—steel, of course. For very close work, every other tooth can be quickly removed. We also have, as an attachment a wide, flat sweep on a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass.

With lever expander and wheel **$8.00**
Sweep attachment ..... **1.30** extra.

We are sole Agents for "Iron Age" Implements and carry a large stock, thus enabling us to fill orders at the shortest possible notice. Send for Special "Iron Age" Catalogue, fully illustrated.

Mann's New Model Bone Cutters

No. 5 B.M.

No. 5 B. M.

Intended for flocks of 15 to 25 hens. Can be used for flock of 100 hens, but larger size is more economical in the end for such a large flock. Mounted on iron stand, no expense to set it up. Place for pan to catch the bone. Patented automatic governing spring feed. 1902 style.

Cylinder is larger than the old style No. 1. Cutter plate has 4 knives instead of 3. Will cut faster and easier than other types costing twice as much.

Capacity, 15 to 20 lbs per hour.
Weight, 85 lbs. Price **$12.00.**

No. 5. B.

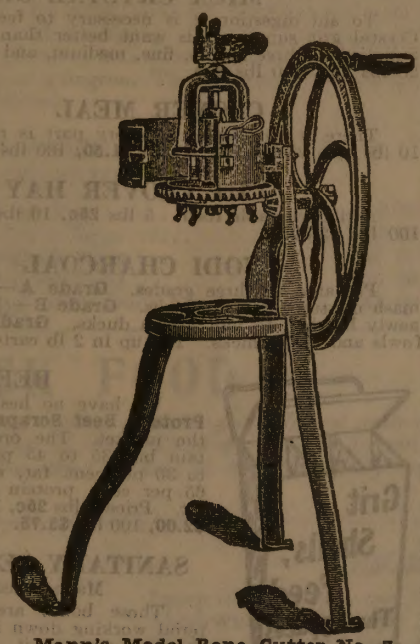
This machine is exactly the same as the No. 5 B.M. except that it has not the iron stand. The capacity is the same.
Weight, 60 lbs. Price **$9.00.**

No. 5 C.

This machine is exactly the same as the No. 5 B, with a crank handle instead of a balance wheel. Capacity not quite equal to 5 B.
Weight 35 lbs.
Price, **$7.00.**

No. 7

For flocks of 40 to 100 hens. Can be profitably used for 200 hens or more, but we recommend No. 9 for flocks of more than 100. Mounted on strong iron stand with large table or box or pan to receive cut bone. Patented 1902 Model automatic governing spring feed. Large open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard anti-clog device. Heavy balance wheel, with adjustable handle, besides all the best features of our old-style machines. Weight, 107 lbs. Capacity, ½ to 1 lb per minute. Made in one size only. Price **$14.00.**



Mann's Model Bone Cutter No. 7

Semi-Power Bone Cutter

No. 7½ A combination hand or power Bone Cutter. Adapted to run either way without changing any part for use. Intended to meet the demand for a small power cutter. Cylinder same size as No. 7. It is always ready

Capacity, 50 to 100 lbs per hour. Weight, 150 lbs; diameter of the pulley, 11½ inches, 2¾-inch face. Speed of pulley, 300 revolutions per minute. The No. 7½ has all the late improvements, special feed, anti-clog, open cylinder, tight and loose pulley, etc. Price **$18.00.**

No. 9 For flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater holding capacity, different design and larger table. The machine can be altered into the No. 11 by adding the power parts, making a combination machine for both hand and power. Its economy is evident. Weight, 170 lbs. Capacity ¾ to 1¼ lbs per minute. Price, **$20.00**

Parts to change No. 9 to No. 11. Price **$8.00.**

No. 11 Intended for large flocks when the machine must be run by hand a portion of the time. It is really a semi-power and semi-hand or combination machine, and as such has its place. The No. 11 is exactly the same as the No. 9 with the power parts added. It has all the late improvements, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Weight 215 lbs. Capacity, 100 lbs per hour. Price **$28.00.**

No. 12.	**Power Bone Cutter**	Weight, 260 lbs.	**$34 00**
No. 15.	" " "	455 lbs.	**65 00**
No. 14.	" " "	420 lbs.	**80 00**

Mann's Clover Cutter Made entirely of iron and steel. Price with balance wheel, **$9.50**; with balance wheel and stand **$11.00.**

LAMBERT'S DEATH TO LICE REMEDIES

"POWDER"—For body lice on Sitting Hens, laying or Exhibition Poultry. This powder does not injure eggs or chickens, or soil the plumage in any way. It is also invaluable for lice on all animals. Also a valuable disinfectant. 5 oz box **10c**, postpaid **15c**; 15 oz **25c**, postpaid **40c**; 48 oz **50c**, 100 oz **$1.00.**

"OINTMENT"—For Head Lice on Children or Chickens. Scaly Shanks on Fowls. **10c** and **25c** per box, postpaid.

"SPECIAL"—A powder for Moths in Carpets or Furs. Can be mixed with kerosene or whitewash and used as a liquid lice killer. 4 oz box **10c**, 16 oz **25c**, postpaid **40c.**

"LIQUID"—A paint for Mites and Spider Lice in Hen Houses. Fleas and Lice in Dog Kennels and Stables. 1 qt **35c**, 2 qts **60c**, 4 qts **$1.00.**

POULTRY SUNDRIES

Poultry Caponizers—Set of instruments, complete with instructions **$2.50.** In velvet lined case, **$2.75.** We send book "Complete Guide for Caponizing" with every set.

Philadelphia Gape Worm Extractor—Price complete, **30c.**

Roup Syringe—This is one of the best cures for Roup and similar diseases to which poulty are so liable. Postpaid, with instructions, **15c** each.

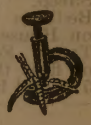
French Poultry Killing Knife—Sent postpaid on receipt of **50c.**

Philadelphia Poultry Marker—They are well made with steel spring and cutter, nicely nickel plated. Made in two sizes. Sent postpaid on receipt of price. **30c** each.

X-Ray Egg Tester—The best on the market, **35c**; postpaid, **45c.**

X-Ray Egg Tester

Leg Band



Poultry Marker

LEG BANDS

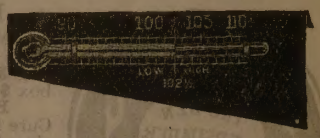
Ideal (Aluminum)—Size No. 2 for Pigeons; size No. 4, for Bantams; size No. 6, for Hamburgs, etc.; size No. 8, for Minorcas, etc.; size No. 10, for Turkeys, and Geese. Price, per doz, **25c**, 50 for **85c**, 100 for **$1.50.**

LEG BRACELET

Not made to compete with any other band, nor can any other band compete with it.

Per doz **25c.** Per 100, **$2.00.**

POULTRY THERMOMETERS



Tested Standard Incubator Thermometer—Mounted on metal, graduated base, and distinctly marked high and low. Price, postpaid **75c.**

Brooder Thermometers—Each **60c**

RELIABLE SPRING LEVER POULTRY PUNCH

This punch makes a good, clear, clean cut, and does not mutilate the web, as do many cheaper punches.
Price, each, postpaid, **50c.**

NEST EGGS

China, **20c** doz; porcelain, unglazed, these are the best, **30c** doz. If wanted by mail add **30c** per doz for postage.

KNOX Louse Killer and Nest Egg combined in one. They are effective, they are lasting, they are not expensive, they are just the thing for laying hens. Price **10c** each, **$1** per doz; if by mail add **5c** each for postage.

POULTRY BOOKS

Egg Farm, new, revised and enlarged. H. H. Stoddard	$1 00
Poultry Architecture. G. B. Fisk	50
Poultry Keeper, Practical. L. Wright	2 00
Pigeon Keeper, Practical. L. Wright	1 50
Poultry Craft. J. H. Robinson	1 50
Poultry Culture. I. K. Feltch	1 50
Poultry Keeper, Profitable. Beal and Weld	1 00
Turkeys, How to Grow Them. Herbert Myrick	1 00

SHEPPARD'S ACME GALL CURE

With this ointment the afflicted parts can be healed without the loss of a single day's time. 3 oz box **25c**, postpaid; 8 oz box **50c**, postpaid.

FAMILY GRIST MILL No. 0.

This mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham flour or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weighs 30 lbs. Price (without legs), **$6.00.** Price (with legs), **$8.00.**

HOW TO MAKE HENS LAY

Keep your chickens strong and healthy. Prevent all diseases—Cholera, Roup, Leg Weakness, etc., use **EGG-O**, a poultry regulator and egg producer.

Best food for all varieties of poultry, laying fowls, chicks, ducks and geese. Will make your hens lay, will make your chicks grow fast, will keep your fowls healthy.

Therefore, no matter what feed you use, mix it daily with our EGG-O POULTRY TONIC. It assures perfect assimilation of the food elements needed to produce health and form eggs.

Price—28 oz package, **25c**, postpaid **50c**, 10 lb bag, **$1.10**, carriage extra.

ANTI-LOUSE

A disinfectant Insect Powder.

Guaranteed to kill every species of parasite that preys on poultry and live stock. It is an effective Remedy for Ticks on Sheep, Roaches, Ants, Bedbugs and all insects on House plants or Fruit Trees. For dog or cat small quantity rubbed into the fur will kill all lice or fleas that may be present. Price—One pound box **25c**, postpaid **40c**, 5 pound bag, **$1.00**, carriage extra.

DR. HESS POULTRY PAN-A-CEA

For Chickens, Turkeys, Ducks, Geese and Pigeons.

Price—For 24-oz package.....**35c**, by mail **60c**.
" 5-lb " .....**85c**, express only
In 25 lb pails.....by express or freight **$3.50**.

DR. HESS INSTANT LOUSE KILLER

For Lice on Poultry, Horses and Cattle, also Ticks on Sheep.
Price—1-lb package, **35c**, by mail **50c**.

PRATTS POULTRY REGULATOR

Absolutely pure and free from poisons and all other injurious ingredients Package containing 8 oz **10c**, postpaid **18c**. 26 oz **25c**, or **50c** postpaid 4-lb package **50c** by express. 25-lb pail **$2.60** by express.

RUST'S EGG PRODUCER

Makes hens lay when prices are high. Price—1 lb pkg **25c**, by mail **40c**, 2½ lb. pkg **50c**, by mail **90c**, 6 lb box **$1.00**, 10 lb box **$1.50**, by express.

HAVEN'S CONDITION POWDERS—Cure for Gapes and Poultry Cholera and medicine for Horses, Cattle, Poultry, Sheep and Hogs. Liberal packages, weighing 14 oz **25c**, postpaid **40c**; 2 lb box **50c**, postpaid **80c**; 5 lb box (equal to six 25c packages) **$1.00**, by express or freight.

HAVEN'S ROUP PILLS—Price per box, of 48 pills, postpaid **25c**, box of 112 pills **50c**, box of 250 pills, **$1.00**.

Spratts Patent Poultry Meal

The Cheapest and Best in the Market

As an egg producer this food has no equal. It carries the bird from egg to exhibition pen without a check and has probably more prize winners to its credit than all other foods combined.

Per lb **10c**, 3 lbs **25c**, 10 lbs **75c**, 25 lbs **$1.75**, 50 lbs **$3.25**, 100 lbs **$6.00**.

Spratts Poultry Spice

The Egg Producer and Tonic

Its use during cold and damp weather enables birds to more easily withstand the many diseases to what they are susceptible. Cholera, Roup, and indigestion disappear from the Poultry yard. Its stimulating and tonic properties makes it invaluable during the moulting season.

4 oz packets, each **5c**, per doz **40c**. 1 lb packets, each **15c**, 2½ lb packets, each **25c**.

CONKEY'S ROUP CURE

Guaranteed to give best results, for Roup or Canker, a good preventative and positive cure. Price, small size **25c**, 5 oz box **50c**, postpaid **55c**, large size **$1.00**, postpaid **$1.10**

LEE'S LIQUID LICE KILLER

For Poultry and Hogs

Saves labor, saves expense, saves time, and saves the fowls and hogs. Where freedom from vermin means hours spent in dusting, dipping or greasing, fowls and animals on the average farm and poultry ranch are seldom free from lice and mites. Put up in tins with full directions for use. Per qt tin **40c**, postpaid **75c**, ½ gal **70c**, 1 gal **$1.20**.

BOWKER'S ANIMAL MEAL

An egg producer, 5 lb pkgs **25c**, 25 lb bag for **$1.15**, 50 lb bag for **$2.15**, 100 lb bag for **$4.00**.

BLOOD MEAL

An egg producer. 5 lbs **25c**, 25 lbs **$1.20**, 100 lbs **$4.50**.

HERBAGEUM

POULTRY SPICE—Is unsurpassed in general excellence, cheapness and efficiency for egg production in summer and winter. For the raising of turkey and all other chicks, and for the fattening of poultry. 2 lb pkg **25c**.

CRUSHED OYSTER SHELLS

A most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer when left to run at large, they can find their own shell-making material, but in winter they must be helped out if eggs are wanted. Supplied in three grades, fine, medium and coarse. 5 lbs **10c**, 10 lbs **15c**, 20 lbs **25c**, 100 lbs **80c**.

GRANULATED POULTRY BONE

5 lbs **15c**, 10 lbs **25c**, 100 lbs **$2.00**, 200 lbs **$3.75**.

MICA CRYSTAL GRIT

To aid digestion it is necessary to feed some gritty material. Mica Crystal grit supplies this want better than any other article ever known. Supplied in three grades, fine, medium, and coarse. 5 lbs **10c**, 10 lbs **15c**, 20 lbs **25c**, 100 lbs **80c**.

CLOVER MEAL

There is no waste and every part is rendered digestible. 5 lbs **25c**, 10 lbs **40c**, 25 lbs **75c**, 50 lbs **$1.50**, 100 lbs **$2.80**.

CUT CLOVER HAY

A rich valuable food. 5 lbs **25c**, 10 lbs **40c**, 25 lbs **75c**, 50 lbs **$1.50**. 100 lbs **$2.80**.

NODI CHARCOAL

Prepared in three grades. **Grade A**—(Fine granulated)—For use in mash mixtures and for ducks. **Grade B**—(Medium granulated)—For small newly hatched to half grown ducks. **Grade C**—(Coarse granulated)—For fowls and large chicks. Put up in 2 lb cartons. Each **15c**.

BEEF SCRAPS

We have no hesitancy in recommending **High Protein Beef Scraps** as the best of their kind on the market. The ordinary commercial scraps contain but 35 to 45 per cent. protein and from 20 to 30 per cent. fat, while these scraps show 50 to 65 per cent. protein and only 10 to 15 per cent. fat. Price 5 lbs **25c**, 10 lbs **50c**, 25 lbs **$1.20**, 50 lbs **$2.00**, 100 lbs **$3.75**.

SANITARY SELF-FEEDING BOXES

Made of heavy galvanized iron.

These boxes are automatic feeders, the material working down into the seed spaces as fast as the fowls consume it. The front side is sloped in such a manner that the fowls cannot get into the food spaces to scratch. Each **60c**, per doz. **$7.00**.

DRY FOOD HOPPERS

Has two compartments, a large one for grain, and a small one for beef scraps. These hoppers are intended to be hung against the wall. Price each **85c**.

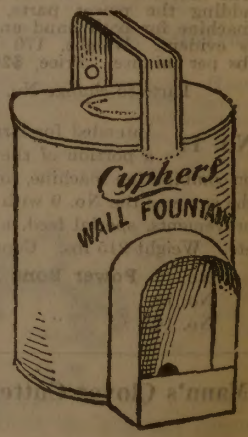
WALL FOUNTAINS

One side is flattened so that it can be hung on the wall of a building, or against any upright. A galvanized iron hood projects over the water trough and protects the water from becoming soiled or freezing, and are readily cleaned by filling with round pebbles or shot and shaking thoroughly. Each **60c**, doz **$7.00**.

GALVANIZED POULTRY FOUNTS

These founts are made of galvanized metal; they are easily cleaned, not injured by freezing; water can be kept constantly fresh.

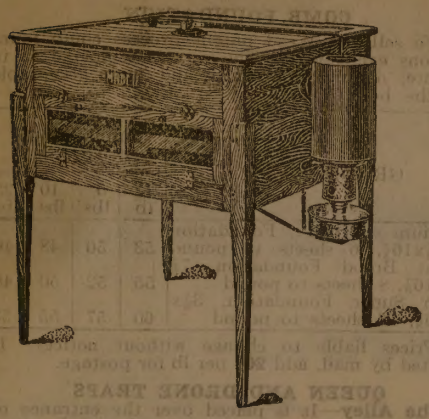
Price—Small size holds 1 qt **25c**; medium size holds 2 qts, **40c** each. Large size holds 4 qts, **50c** each.



COLLECTION OF POULTRY SUPPLIES FOR $1.25.

5 lbs Crushed Oyster Shells	$0 10
5 lbs Mica Crystal Grit	10
3 lbs Spratts Poultry Meal	25
5 lbs Granulated Bone	15
3 lbs Clover Meal	10
3 China Nest Eggs	10
1 lb package Anti-Louse	25
1 28-oz package Egg-o	25
Total	$1 30

"MODEL" INCUBATOR



"Model Incubator"

MODEL INCUBATORS have won out in the keenest competition to which artificial hatchers and rearers can be put. They are the successful poultryman's favorite—the equipment they rely on for financial success.

The Model has more friends among all classes of poultrymen than all other makes combined. This is because the fundamental principle of construction is right, and every Incubator sold carries success with it.

The nice balance between the heating and ventilation insures a normal atmospheric condition. No other incubator is heated so evenly, and no other incubator has quite the same normal hatching qualities as the MODEL.

The Model Corrugated Leaf Thermostat furnishes the Model Incubator with the simplest and most accurate heat control in existence. There is no worry and sitting up nights with this regulator—strong, sensitive and positive, it is ever on guard, controlling the temperature to a fraction of a degree. This splendid Thermostat can only be obtained in the Model.

PRICE LIST OF "THE MODEL" INCUBATORS, F.O.B., TORONTO.

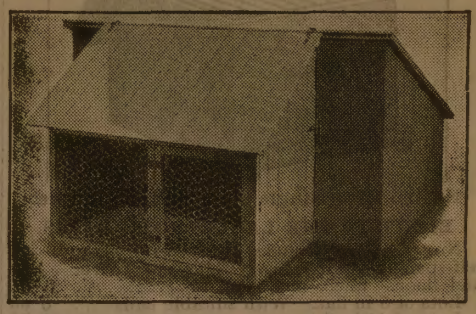
No. 0—80 Hen Eggs or 55 Duck Eggs	$16 00
No. 1—150 Hen Eggs or 120 Duck Eggs	22 00
No. 2—250 Hen Eggs or 200 Duck Eggs	31 00
No. 3—360 Hen Eggs or 290 Duck Eggs	37 00
No. 4—Special—412 Hen Eggs or 324 Duck Eggs	43 00

CHICK FOOD

A complete food for young chicks, consisting of different grains and seeds proportioned to meet all the needs of growing chicks and to fully nourish them. 10 lbs., 50c.; 25 lbs., $1.00; 50 lbs., $1.80; 100 lbs., $3.50.

"MODEL" COLONY BROODER

We recommend the MODEL COLONY BROODER for from 80 to 100 chicks, which allows about a square foot and a half for each dozen chicks in nursery end of brooder, besides as much more in the exercise room. These brooders, like the hens, supply top heat only, thus rearing strong chicks without crowding.



"Model" Colony Brooder

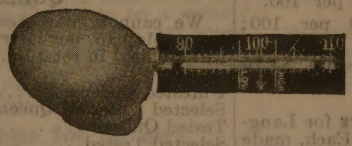
The MODEL COLONY BROODER is double walled and ceiled at nursery end, also lined with paper and covered with tin. Roof lined with felt paper. 90° under hover can be maintained in freezing weather in a sixty mile gale without lamp smoking. This Brooder is easily cleaned, and contains every convenience for the operator.

Two-doors are provided in the exercising end of Brooder—one glass, the other screen, so that on rainy days or at night fresh air may be admitted without letting the little chicks out.

PRICE

Model Colony Brooders (100 chicks)	$15 00
Double Indoor Brooders (160 chicks)	15 00
"The Model" Single Indoor Brooder (80 chicks)	10 00

Inovo Egg Thermometer



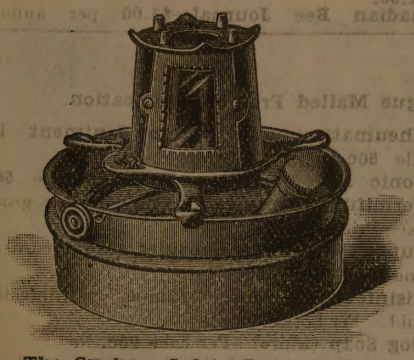
It consists of a celluloid egg, in the centre of which is suspended the bulb of a very sensitive thermometer.

This thermometer will give the exact temperature at the centre of the egg, in any and all incubators, no matter whether of the diffusion, radiant heat, hot air, or hot water type, and is the only thermometer made at the present time enabling the operator to secure absolutely the correct temperatures at any and all times without making any allowance for the age of the eggs, or the temperature of the room.

Price $1.50 each

Incubator and Brooder Sundries

Lamp wick—1 inch, per doz	$ 25
Lamp wick—1½ inch, per doz	35
Burners, No. 2 or 1 inch, each 30c. per doz	3 00
Burners, No. 3 or 1½ inch, each 50c.	
Galvanized Lamp Bowls for No. 0 and No. 1 Incubators, small size or single Indoor Brooder	90
Large Size, for 2, 3 and 4 Incubators, Colony Brooder or double Indoor Brooder, each	1 00



The Cyphers Safety Brooder Stove

The Cyphers Safety Brooder Stove

No other brooder stove on the market has as large water pan or holds as much oil. The safety water pan holds nearly a quart of water and nearly extends out over the entire surface of the oil bowl. By this arrangement all danger of the generation of explosive gases, or the burner becoming heated, is removed. The Cyphers Brooder Stove furnishes twice the heat of an ordinary Brooder Lamp, and lamps are far from being safe. Price, each $2.

Spratt's Poultry Foods

PIN HEAD POULTRY MEAL

For upwards of 40 years this food has had the largest sale of any Poultry food in the United Kingdom. It is easily prepared, just mixed crumbly moist with hot water and fed as the first morning meal. An increased egg supply and better condition of the birds will satisfy you of its value.

IT WILL REAR CHICKENS with the minimum loss. Do not take risks by attempting to rear exclusively on raw food. Our food REARS FROM THE SHELL and at the age of 6 weeks the chicks will be heavier and harder than birds fed entirely on dry foods. TEST THIS STATEMENT by feeding a few birds in this way and comparing with chicks fed any other. Small grain should be given at night as it takes longer to digest than our meal, therefore enables the chicks to withstand the long fast. In 25 lb bags, each $1.50.

POULTRY PELLETS

This food is recommended to be fed dry either alone or mixed with the grain feed. It is considerably in advance of the dry moist feeding system which has a tendancy to cause chronic indigestion. Spratts' Poultry Pellets are rich in Carbo-Hydrates and will be found to be economical and reliable for egg production and general utility purposes. 25 lb bags, $1.25 each.

BEE-KEEPERS' SUPPLIES

Have You Beeswax? We Buy it. Let us know your price. Cash or supplies.

No. 1—Hive, Single Storey, Eight Frame.

EIGHT FRAME LANGSTROTH HIVES.

No. 1—Hive includes body with eight self-spacing frames and followers, cover and floor. Each made up..... $1 55
Lots of 5 in flat. With suitable nails.... 6 00
Lots of 10 in flat. " " " 11 30

No. 1½ "B" Hive, same as the above with the addition of one super for comb honey without sections but with section holders and separators. Each, made up... 2 10
Lots of 5 in flat. With suitable nails.... 8 20
Lots of 10 in flat. " " " 15 15

No. 3 "E"—Hive same as No. 1, with the addition of one deep super and eight self-spacing "Hoffmann" frames for extracted honey, shallow. Each, made up.. 2 45
Lots of 5 in flat. With suitable nails.... 9 65
Lots of 10 in flat " " " 18 00

HIVE PARTS

Hive Covers—Flat, with wood lining, made up **35** in lots of five in the flat, **$1.40.**

Hive Bottoms—Each, made up, **30c;** in lots of 5 in the flat, **$1.00.**

Comb Honey Supers for Langstroth hive, made up complete, **55c,** in the flat, single **50c.** In the flat in lots of 5, with suitable nails, **$2.20.**

Section Holders for comb honey supers—Slotted, **$2.00** per 100; Plain **$1.60** per 100.

Wood Separators—Slotted, **$1.00** per 100; Plain, **70c** per 100.

Self-Spacing Brood Frames, made up, **$3.75** per 100; in the flat, sets of 8 at **25c;** in the flat, in lots of 100 at **$2.60.**

Hive Bodies or Extracting Supers for Langstroth hives, with self-spacing frames. Each, made up, **90c,** in the flat, **75c;** in the flat in lots of 5, with suitable nails, **$3.65.**

SECTIONS FOR COMB HONEY

We handle only first-class, polished on both sides, slotted on top and bottom. One piece or four pieces, state which you desire.

Size 4¼x4¼x1½. 1⅝ and seven to the foot. State size.

required otherwise	100	250	500	1,000	3,000
1⅝ will be sent....	**65c**	**$1 25**	**$2.25**	**$4.50**	**$13.20**

Split top sections **10c** per 100, or **50c** per 1,000 extra.

FEEDERS

The Miller—Designed to place inside of a super or in the upper storey on top of the brood frames. Each **35c,** per 10 **$3.25,** made up.

Simplicity Feeder—**7c** each; **70c** per 10.

Bee Veils—White net with black brussels face, **30c** each.

COMB HONEY CRATES

They are glassed on one side only.

4¼x4¼ in flat.....per	10	25	100
No. 12 three section fronts.	**$1.30**	**$3.25**	**$11.50**

Glass included

"THE KRETCHINER" SECTION FOLDER

Just the thing to put one piece sections together. Each **50c.**

THE PORTER BEE ESCAPE

Put in a board, which is placed between the body of hive and super you wish to clear of bees. The bees can pass to the brood chamber, but not return. Each **15c;** per 10, **$1.40.** With board, **35c** each; per 10, **$3.20.**

BEE SMOKERS

We offer the "Bingham" one of the best smokers made, large and powerful, equal to any work.
No. 1, 4-inch barrel, with bent nozzle, price **$1.25.**
No. 2, 3½ barrel, without bent nozzle, **$1.00.**
No. 3, "The Little Daisy," 2½-inch barrel, **75c.**

COLONIES OF BEES

We are in a position to supply first-class colonies of pure Italian or part Italian bees in season, in eight frame Langstroth hives. The greatest care is taken to insure the safe delivery of all colonies of bees, but customers will please note that after they leave the apiary they are entirely at purchaser's risk. Write for prices.

QUEEN BEES

We cannot guarantee to furnish these queens before May 15, nor later than October 15. Orders will be filled in rotation.

	EACH	HALF DOZ
Untested Queens.....	$1 00	$5 00
Selected Untested Queens.....	1 10	5 50
Tested Queens.....	1 25	6 50
Selected Tested.....	2 00	10 00

QUEEN EXCLUDERS

Langstroth size, unbound zinc, **15c** each. Wood-bound zinc, **25c** each.

Tinned Wire for wiring frames, 1 lb spool **30c,** ½ lb spool **15c,** ¼ lb spool **10c.**

PERFORATED METAL

This is used between the upper and lower storey to prevent the Queen from passing up. Also used for drone guards and Queen traps. Per square foot, **10c;** per sheet (24 ft) **$2.00.**

COMB FOUNDATION

We sell the Weed patent process comb foundations exclusively. The wax is tempered as in nature, making it stronger and more acceptable to the bees.

GRADE.	PRICE PER LB. IN LOTS OF			
	1 lb	5 lbs	10 lbs	25 lbs
Medium Brood Foundation 7⅞x16⅞, 6 sheets to pound	53	50	48	46
Light Brood Foundation, 7⅞ x16⅞, 8 sheets to pound.....	55	52	50	48
Thin Super Foundation, 3⅞x 16⅞, 26 sheets to pound....	60	57	55	53

(Prices liable to change without notice). If wanted by mail, add **20c** per lb for postage.

QUEEN AND DRONE TRAPS

The Alley—It is placed over the entrance of the hive, the Queen being captured, and thus preventing a swarm from absconding. Each **50c,** 10 for **$4.00.**

QUEEN CAGES

Queen Cell Protectors, each **5c;** 10 for **40c;** 100 for **$3.50.** Queen's Cages with feed cup, each **10c;** 10 for **70c;** 100, **$6.00.**

EXTRACTORS

Our extractors are made of the very best quality of galvanized iron, and are strong and simple in construction. Give size of frame in ordering.

No. 2—Non-reversible, suitable for two Langstroth frames, **$7.00.**

No. 4—Non-reversible, four baskets can be made to fit any size frame, sometimes two sizes, Langstroth, **$10.00.**

Automatic Reversible — Four Langstroth frames**$ 18.50.**

Floor attachments and handles included in the above price. Brake **$1.00** extra.

Automatic Reversible—With divided can and strainer, **$4.50** extra.

Other sizes prices on application.

HONEY KNIVES

Ebony handle and fine mirror finish. Each **90c;** by mail, **$1.00.**

RUBBER GLOVES

For handling bees. Ladies' half-long, sizes 6, 6½, 7 and 7½, per pair, **$1.50.** Gentlemen's half-long, sizes 10, 11 and 12, per pair, **$1.75.** In ordering by number remember that if you wear No. 5 kid you will need No. 7 in rubber.

BEE BOOKS

Langstroth on the Honey Bee—Price **$1.25.**
A.B.C. of Bee Culture—Price **$1.25,** postpaid **$1.50.**
Canadian Bee Journal—**$1.00** per annum.

SPRATTS PATENT, Limited

We are Agents for all Spratts Manufactures and Supplies. Spratts Descriptive Catalogue Mailed Free on Application.

SPRATTS DOG CAKES

Patent Meat "Fibrine" Vegetable Dog Cakes with Beetroot—

3 lbs.	**$0 25**	5 lbs.	**$0 40**
10 lbs.	**75**	25 lbs.	**1 75**
50 lbs.	**3 50**	100 lbs.	**7 00**

Patent Cod Liver Oil Dog Cakes—3 lbs **35c,** 5 lbs **55c,** 25 lb box **$2.00.**

Terrier Biscuits—3 lbs **25c,** 25 lbs **$1.95.**

Puppy Cakes—3 lbs **25c,** 5 lb bags **40c,** 25 box **$1.90.**

Pet Dog Biscuits—3 lbs **35c,** 5 lbs **55c,** 25 lbs **$2.00.**

"Toy Pet" Dog Biscuit—Cartons, 2 lbs **25c.**

Cat Food — Carton, **25c,** 10 lb bag **$1,** 25 lb bag, **$2.25.**

Orphan Puppy Food—Per tin 3 lbs **$1,** 1 lb **50c.**

Pepsinated Puppy Meal—1 lb **20c,** 3 lbs **50c.**

Plain Puppy Meal—lb **15c,** 2 lbs **25c,** 5 lb, **50c.**

Fibo, 5 lb bag, **50c.**

Puppy Bone Meal—Per tin 2 lbs **25c.**

Cardiac—A tonic powder. Sample **10c,** per lb **25c.**

Patent Game Food—Per 10 lbs **75c,** 25 lbs **$1.75,** 50 lbs **$3.25,** 100 lbs **$6.00.**

"Crissel" Granulated Prairie Meat—5 lbs **45c,** 10 lbs **80c,** 25 lbs **$1.75.**

Imported Dog Brushes, Combs and Chains—Prices on application.

SPRATTS DOG MEDICINES

All medicines in bottles. Bottles or tins free by mail. Half-gallons, carriage extra.

Alterative Cooling Tablets—Price **50c.**

Anti-Rickets Tablets—Price **50c.**

Cough Tablets—Per box **50c.**

Diarrhœa and Dysentery Cure—Price **50c.**

Distemper Cure Tablets—Price **75c.**

Canker of the Ear Cure—Price **50c.**

Eczema and Sarcoptic Mange Cure (Oily)—Per bottle **50c,** ½ gallon **$2.00.**

Eye Lotion Tablets—Price **50c.**

Fit Cure Tablets—For Cholera or St. Vitus Dance. Price **50c.**

Hair Stimulant and Restorer—Bottle **50c.**

Jaundice Tablets—**50c.**

Liver Tablets—Per box **50c.**

Locurium Tablets—Per box **50c.**

Mange Cure—Bottle **50c,** ½ gallon **$2.00.**

Purgative Tablets—Per box **50c.**

Rheumatism and Sprain Liniment—Per bottle **50c.**

Tonic and Condition Tablets—Price **50c.**

Vermifuge Capsules (worm cure for grown dogs)—Price **50c.**

Puppy Vermifuge Capsules (worm cure for youngsters)—Price **50c.**

Disinfectant—Crude "Sanitas" Disinfecting Liquid. Per bottle **50c.**

Dog Soap (white)—Per cake **25c.**

Dog Soap, antiseptic black—**50c** per tablet.

SPRATTS BOOKS

Poultry Culture—By Spratts Patent, Free.

The Common Sense of Dog Doctoring—By Spratt's Patent. Free.

Modern Training, Handling and Kennel Management—By H. Waters, (Illustrated), **$2,** postage **20c** extra.

House Dogs, Their Care and Treatment—**50c.**

Pedigree Blanks—3 for **10c,** doz **20c.**

The Cat—By R. S. Huidekoper. A guide to classification and a short treatise on their care. etc. Cloth, **$1.00.**

Rackham's Poultry Directory—Price **$1.00,** postpaid.

CARRIAGE PAID BY CUSTOMERS EXCEPT WHERE NOTED

Dairy Supplies

The Little Detective—Will show in less than two minutes whether or not water has been added to pure milk. Sent to any address, postpaid **$1.00.**

Parchment Paper—For packing and preserving butter:—1 lb butter, size 8x11, **$1.00** per 1,000 sheets, 100 sheets **15c.** Postage, add **5c** per 100 sheets extra. 2 lb butter, size 12x18, 100 sheets **40c;** postage, **25c** 100 sheets extra.

Printing—**$1.25** per thousand sheets extra, in quantities not less than 1,000 sheets; 3,000 lots at **$1.00** per 1,000.

Theremometers

New Float—Will stand upright. The scale stands up out of the milk so that it can be easily read. Each **60c.**

Ordinary Float—Price, each **40c.**

MILKING TUBES—For Sore and Obstructed Teats and Hard Milking Cows—Coin Silver—Prices—Set of four tubes, 1¾ inch, **$2.00** each **50c;** special lengths, 2¼ inches, each **65c;** 2¾ inches, each **80c;** 3¼ inches, each **95c;** 3¾ inches, each **$1.10;** 4¼ inches, each **$1.25.** Larger tubes in proportion.

Plated Silver—From 2 to 3½ inches in length—**25c** each, postpaid.

Butter Mould and Printer—Has all the advantages of the higher price moulds and does the work equally as well. 1lb size, pair **75c.**

Improved Daisy Barrel Churn—It is made of the very best quality of white oak; has no iron to come in contact with the cream; has no dashes or breaks inside, and is the easiest churn to clean ever made. The inside is perfectly smooth.

Price—With Bow Lever and Steel Frames

No. 0—Seven Gallon Churn, for one cow	$5.00
No. 1—Nine Gallon Churn, churns from 1 to 4 gallons	5.25
No. 2—Fifteen Gallon Churn, churns from 1 to 7 gallons	6.00
No. 3—Twenty Gallon Churn, churns from 1 to 9 gallons	6.25

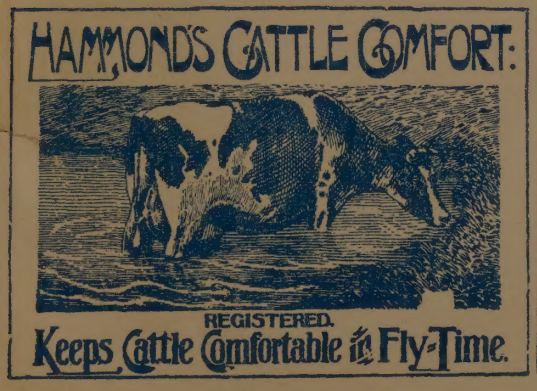
Eureka Weed Killer

Sample tins, **50c.**

A special preparation, which dissolves in water without boiling over. Will destroy all weed moss, etc., on gravel walks, carriage drives, stable yards, courts, etc., and keeps them under for the whole season. It brightens gravel paths without staining or imparting any unpleasant odors, or making the paths greasy. Price, **$1.00** in 3-lb tins, sufficient for 100 square yards of path.

CATTLE COMFORT

A preparation for protecting Cows, Oxen, Horses, Dogs against Horse Fly Gnats, Mosquitoes, Etc. Price, Quart Tin **60c,** each.



FERTILIZERS

GREGORY ON FERTILIZERS—Where to get Formulas for Various Crops. How to apply By J. J. Gregory. Paper, Price **40c.** postpaid.

Talks on Manure—By Joseph Harris, M.S., 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, **$1.50,** postpaid.

Potato Manure

Ammonia 3 to 4%; Phosphoric acid 8 to 10%; Potash 3 to 4%.

One of the highest grade manures, producing the largest potato crops of the very highest quality, especially for early potatoes, use from 400 to 800 lbs to the acre, well worked in the soil. Price, per lb. **10c,** 10 lbs **50c,** 100 lbs **$2.25,** 200 lbs **$4.00,** per ton **$35.**

"Sure Growth"

For Grain, Grass, Grapes, Vegetables, etc.

Ammonia 3½ to 5%; Phosphoric Acid 8 to 10%; Potash 3 to 4%.

It is adapted to all soils, and not only yields immediate results but is also lasting in its effects. It gives the growing crop a vigorous start, and will greatly increase the yield. Use 200 to 400 lbs to the acre. Price, per lb **10c,** 10 lbs **50c,** 100 lbs **$2.25,** 200 lbs sack **$4.00,** per ton **$33.**

Bone and Potash

Ammonia 2 to 3%; Phosphoric acid 9 to 10%; Potash 6 to 8%. Those who think they had rather have bone ought to have it combined with potash, since potash is fully as essential as bone. Price per lb **10c,** 10 lbs **50c,** 100 lbs **$2.25,** 200 lbs **$4.00,** per ton **$35.**

Pure Bone Meal

Ammonia 3 to 5%; Phosphoric acid 20 to 25%. We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it chiefly for grass and land feeding purposes. Use from 400 to 600 lbs per acre. Per lb **10c,** 5 lbs **30c,** 10 lbs **50c,** 25 lbs **75c,** 100 lbs **$2.00,** 200 lbs **$3.75,** per ton **$33.**

Granulated Bone for Grapes

Per 10 lbs **35c,** 100 lbs **$2.00,** 200 los **$3.75.**

Bone Flour

Per lb **10c,** 10 lbs **50c,** 50 lbs **$2.00,** 100 lbs **$3.50.**

Harris "H" Fertilizer

lb **5c,** 10 lbs **40c,** 25 lbs **75c,** 50 lbs **$.100.**
100 lbs **$1.50,** ton **$27.50.**

Harris "Bone Meal"

lb **5c,** 10 lbs **40c,** 25 lbs **75c,** 50 lbs **$1.00**
100 lbs **$1.50,** ton **$27.50.**

Celery and Early Vegetable Manure

Ammonia 5 to 7%; Phosphoric acid 9 to 10%; Potash 5 to 7%—. This manure is specially compounded for early use and suitable for all vegetables Use from 400 to 600 lbs to the acre, well worked in the soil, hill or drill. Lb **10c,** 10 lbs **50c,** 100 lbs **$2.75,** 200 lbs **$5.00,** per ton **$42.00.**

Tobacco Manure

Lb **10c,** 10 lbs **50c,** 50 lbs **$1.25,** 100 lbs **$2.25,** 200 lbs **$4.00,** ton **$36.**

Nitrate of Soda

This is valuable solely for the nitrogen it contains, equal to 20 per cent. of Ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action, and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is the best of all substitutes for stable manures, 100 to 150 lbs per acre, mixed with wood ashes or land plaster for convenience in applying are generally used. Price, per lb **10c,** 5 lbs **35c,** 10 lbs **60c,** 25 lbs **$1.25,** 50 lbs **$2.40,** 100 lbs **$4.50.**

Muriate of Potash

Eighty per cent. pure, equivalent to 48 to 50 per cent. actual potash. A high-grade fertilizer, and one of the best orchard fertilizers known, used largely in peach cultivation, and as a general fertilizer. Muriate of Potash and Ground Bone stands as a leader. 10 lbs **75c,** 50 lbs **$2.25,** 100 lbs **$4.**

Sulphate of Potash

A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs per acre. 10 lbs **80c,** 25 lbs **$1.75,** 50 lbs **$2.50,** 100 lbs **$4.50.**

Land Salt

Per sack (200 lbs) **$1.20.**

Land Plaster or Gypsum

Per bag of 150 lbs **$1.00.**

Simmers' Lawn Enricher

For Lawns and Flower Beds

(See inside front cover.)

Ten lbs is sufficient for 300 sq. feet. 5 lb pkg. **50c,** 10 lb pkg. **75c,** 25 lb pkg. **$1.25,** 50 lbs **$2.00,** 100 lbs **$3.50.**

Bonora

Nature's Plant Food.

Good for flowering plants of every kind, lawns, shrubbery, vegetables, grape vines, fruit and shade trees and for everything pertaining to plant life.

¼ lb pkg sufficient for 56 pints of liquid **25c,** postpaid **30c;** 1 lb pkg sufficient for 28 gallons of liquid **50c,** postpaid **70c;** 5 lb pkg sufficient for 140 gallons of liquid **$2.50,** carriage extra.

Guano Standardized

A standard fertilizer throughout the entire country, and in almost universal use. A weak solution, applied once or twice a week, is very beneficial for house plants. Price, lb **10c,** postpaid **25c,** 5 lbs **40c,** 10 lbs **75c,** 100 lbs **$4.50.**

Prepared Potting Soil

We can highly recommend our Prepared Fertilized Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb sacks, and can be supplied at all seasons of the year. Per 25 lbs **35c,** 50 lbs **55c,** 100 lbs **$1.00.**

BOWKER'S FOOD FOR FLOWERS

Soluble in water, free from odor and clean to handle.

A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water, and producing healthy plants, **free from Vermin,** with early and abundant blossoms to which it imparts luxuriant growth and rich brilliant flowers. **Large Package,** sufficient for 20 plants for **one year, 35 cents,** postpaid **45c. Small Package,** sufficient for 20 plants for **three months, 25 cents** postpaid. Price in bulk, 5 lbs **75c,** 10 lbs **$1.25,** by express.

Simmers' Concentrated Odorless Flower Food

This is one of the very best and most carefully prepared odorless Plant Foods on the market, being entirely soluble. It is very convienent to use in the house and conservatory. This plant food may be used in either dry or liquid form: the latter much the best, as no fertilizer acts until it becomes affected by moisture and then there is not the danger of giving an overdose. Large pkg **25c,** postpaid **45c;** small pkg **15c,** postpaid **25c.**

(ESTABLISHED 1856)

J. A. SIMMERS

SEED MERCHANTS & GROWERS

1909.

J. A. SIMMERS SEEDS TORONTO

147. 149. 151.
KING ST. E.

TORONTO ONT.

CABBAGE
SIMMERS EARLY GERMAN BRUNSWICK
(RE-SELECTED)
PKT. 10¢ OZ 25¢
2 OZ. 40¢
1/4 lb. 60¢

BEET
EARLY DARK RED EGYPTIAN
PKT 5¢ OZ 10¢
2 OZ 15¢ 1/4 lb 25¢

TOMATO
LIVINGSTON'S CORELESS
PKT. 10¢
OZ. 40¢
2 OZ. 75¢

ONION
LARGE YELLOW GLOBE DANVERS
(SELECTED)
PKT. 5¢
OZ. 20¢
1/4 lb. 50¢